

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS ☒ X WATER SANDS LOCATION INSPECTED SUB REPORT/abd.

9/604/10 Oper. Nm. Chg. 970730 Off Confidential Status;
 971203 Equitable to Inland eff. 9-30-97: 98/202 Lease # Chg fr U-67845;

DATE FILED DECEMBER 18, 1995

LAND FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. U-67845

INDIAN

DRILLING APPROVED: FEBRUARY 20, 1996

UTU-77233

SPUDED IN: MAY 20, 1996

COMPLETED: U-27-916 'POW' PUT TO PRODUCING:

INITIAL PRODUCTION: 47.25 Bbl, 0 mcf, 8 Bbl

GRAVITY API 34°

GOR.

PRODUCING ZONES: 4501-5400' MRRV

TOTAL DEPTH: 6400'

WELL ELEVATION: 5120' AL

DATE ABANDONED:

FIELD: UNDESIGNATED

UNIT:

COUNTY: DUCHESNE

WELL NO MOUNUMENT FEDERAL 32-22-8-17

API NO. 43-013-31586

LOCATION 1980 FNL FT. FROM (N) (S) LINE.

1980 FEL

FT. FROM (E) (W) LINE.

SW NE

1/4 - 1/4 SEC. 22

TWP.

RGE

SEC.

OPERATOR

Inland Production Co.

TWP.

RGE

SEC.

OPERATOR

8S

17E

22

EQUITABLE RESOURCES

GEOLOGIC TOPS:

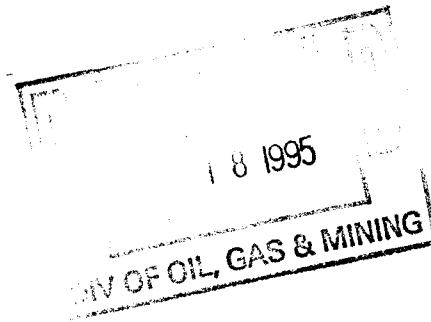
QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgait Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
Horsebench SS	Dakota	Park City	McCracken
2nd garden gulch	Burro Canyon	Rico (Goodridge)	Aneth
Yellow Mkr	Cedar Mountain	Supai	Simonson Dolomite
DECK	Buckhorn	Wolfcamp	Sevy Dolomite
2nd DECK	JURASSIC	CARBON I FEROUS	North Point
Woodch	Morrison	Pennsylvanian	SILURIAN
Black Shale facies	San Wash	Oquirrh	Laketown Dolomite
Carbonate	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		



**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102



Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

December 14, 1995

-- VIA FEDERAL EXPRESS --

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

RE: Monument Federal #32-22-8-17
SW NE Section 22, T8S, R17E
Duchesne County, Utah

Enclosed is our Application for Permit to Drill the referenced well.

As operator, we request that the status be held tight in accordance with Federal regulations.

If you have any questions or need additional information, please give me a call at (406) 259-7860, extension 240.

Sincerely,

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosure

cc: Utah Division of Oil, Gas and Mining

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*)

At surface

SW NE Section 22, T8S, R17E

At proposed prod. zone

1980' FNL

603 m

1980' FEL

603 m

RECEIVED
DEC 18 1995

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

From Myton, Utah, approximately 12.6 miles SW

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

160.00

17. NO. OF ACRES ASSIGNED
TO THIS WELL

19. PROPOSED DEPTH

6,400'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 5120'

22. APPROX. DATE WORK WILL START*

March 1, 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached. As operator, we hereby request that the status of this well be held tight in accordance with Federal and State regulations.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman

TITLE

Regulatory and
Environmental Specialist

DATE

December 14, 1995

(This space for Federal or State office use)

PERMIT NO.

43-013-31586

APPROVAL DATE

APPROVED BY

P. Matthews

TITLE

Petroleum Engineer

DATE

2/20/96

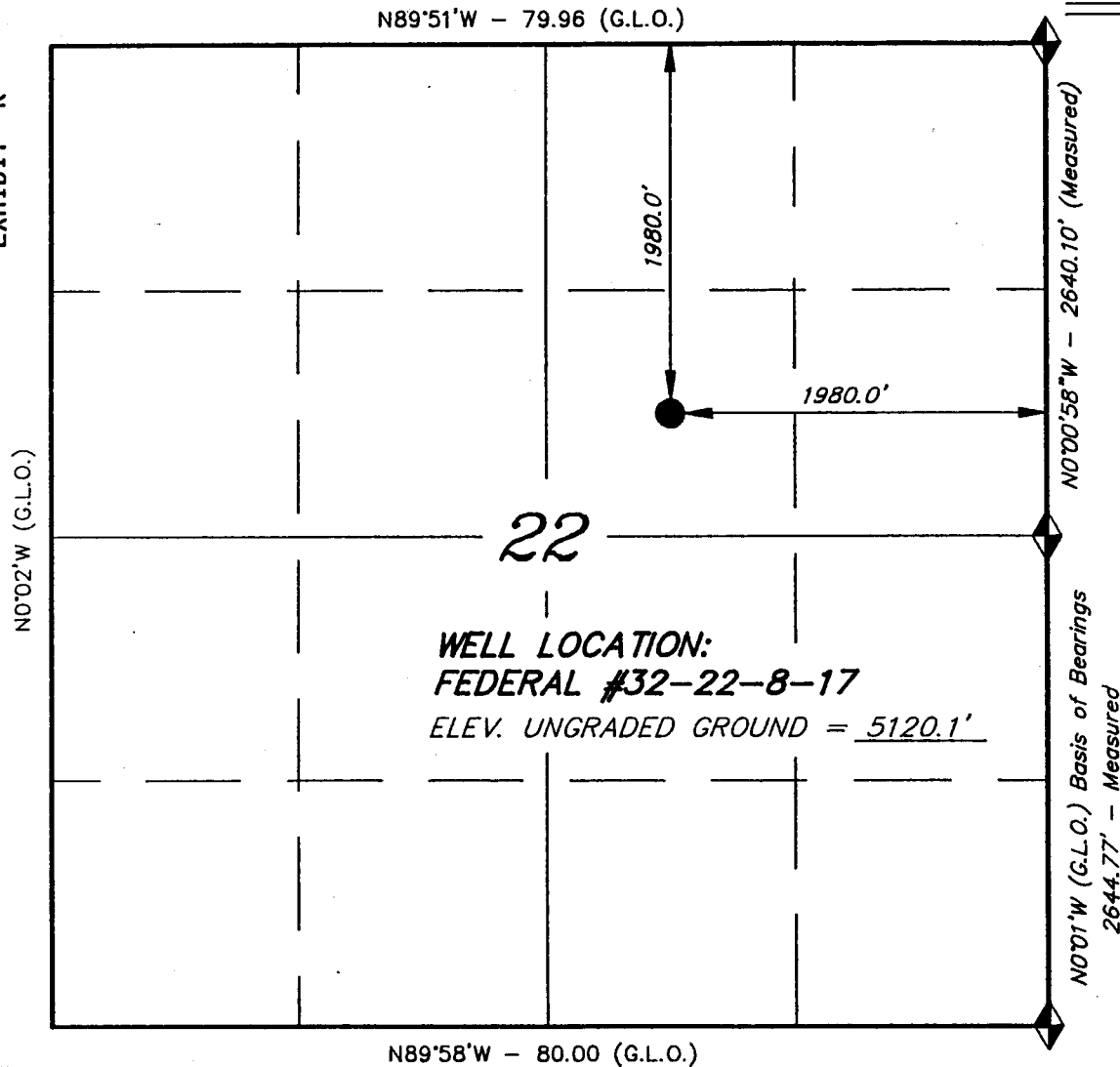
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T8S, R17E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

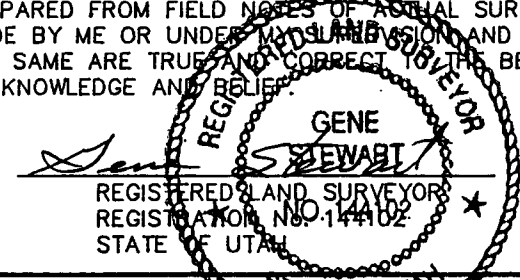
EXHIBIT "K"



WELL LOCATION, FEDERAL #32-22-8-17,
LOCATED AS SHOWN IN THE SW 1/4 NE 1/4
OF SECTION 22, T8S, R17E, S.L.B.&M.
DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: S.S.

DATE: 10-12-95

WEATHER: FAIR

NOTES:

FILE #



= SECTION CORNERS LOCATED

BASIS OF BEARINGS; G.L.O. DATED 1910

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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Bobbie Schuman

TITLE

Regulatory and
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PERMIT NO.

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APPROVAL DATE

APPROVED BY

J. W. Matthews

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Petroleum Engineer

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2/20/96

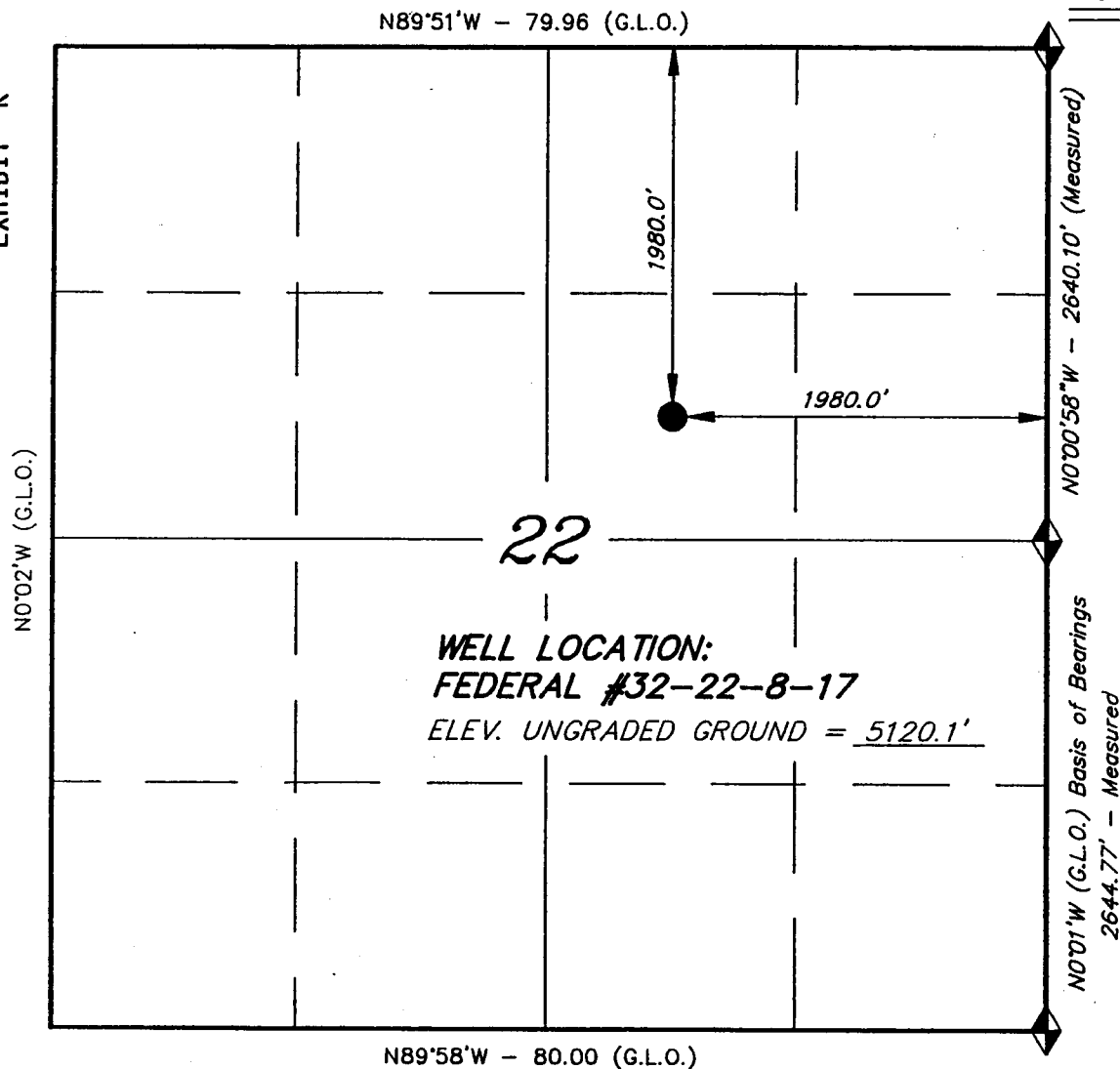
CONDITIONS OF APPROVAL, IF ANY

*See Instructions On Reverse Side

T8S, R17E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

EXHIBIT "K"



WELL LOCATION:
FEDERAL #32-22-8-17
 ELEV. UNGRADED GROUND = 5120.1'

WELL LOCATION, FEDERAL #32-22-8-17,
 LOCATED AS SHOWN IN THE SW 1/4 NE 1/4
 OF SECTION 22, T8S, R17E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.



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 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF.

Gene Stewart
 GENE STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 144102
 STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
 38 WEST 100 NORTH - VERNON, UTAH 84078
 (801) 781-2501



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BASIS OF BEARINGS; G.L.O. DATED 1910.

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SCALE: 1" = 1000'

SURVEYED BY: S.S.

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WEATHER: FAIR

NOTES:

FILE #

EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM

11/30/95
/rs

CONFIDENTIAL

AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.

**Equitable Resources Energy Company,
Balcron Oil Division
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860**

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Monument Federal #32-22-8-17
SW NE Section 22, T8S, R17E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.

- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.

- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.
- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.

SURFACE USE PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Monument Federal #32-22-8-17
SW NE Section 22, T8S, R17E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162.3-1 (d):

1. **EXISTING ROADS:**

- a. Proceed west from Myton, Utah, on U.S. Highway 40 for 1.6 miles to the intersection of Highway 40 and the Sand Wash road. Turn left and proceed along the Sand Wash road 7.0 miles to a road intersection. Turn left and continue 3.3 miles to a road intersection. Turn left and proceed 0.5 miles to proposed access road sign. Follow flags 0.2 miles to location.
- b. Existing roadways need no improvements for these drilling operations.
- c. All existing roads used by these drilling operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "F" Maps A and B for access route.

2. **PLANNED ACCESS ROADS:** See EXHIBIT "F" Maps A & B

- a. Approximately 0.2 miles of new access is required.
- b. One cattleguard at the private surface owner's fence is needed.
- c. A culvert will be needed a portion of the access on private surface owner's land.
- d. All travel will be confined to location and access routes.

- e. All new access is on private surface owner's land; however, if a right-of-way is needed for a portion of the access, please consider this Application for Permit to Drill as the application for right-of-way.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "I" Map C.

4. PROPOSED PRODUCTION FACILITIES DIAGRAM:

- a. Upon completion, a sundry notice and plat showing exact production facilities will be submitted.
- b. See EXHIBIT "J" for the Proposed Production Facility layout.

5. LOCATION AND TYPE OF WATER SUPPLY:

- a. The drilling water source will be obtained from a private source owned by Joe Shields, Application #57708, Appropriation #47-1674, located in Section 15, T4S, R2W, Duchesne County UT.
- b. The drilling water will be hauled by truck to the location site.

6. CONSTRUCTION ROAD/LOCATION MATERIALS:

- a. Any construction materials which are required will be native materials from the location and/or access site.
- b. All construction materials for this location site and access road shall be borrowed material accumulated during the construction of the site and road. No additional construction material from other sources is anticipated at this time. If additional construction material is needed, it will be from an approved source.
- c. Reasonable precautions will be taken to protect all lands.

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

- a. Garbage will be stored in a dumpster and disposed of according to local and state regulations, at an approved facility.

Disposal will not be allowed on location. No trash will be disposed of in the reserve pit.

- b. Fluids produced during the completion operation will be collected in test tanks. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and hauled to an approved disposal site. Burning will not be allowed.
- c. The reserve pit will be lined. If a plastic nylon reinforced liner is used, it will be torn and perforated before backfilling of the reserve pit.
- d. Saltwater or testing tanks will be located and/or diked so that any spilled fluids will flow into the reserve pit. Saltwater tanks will not be placed on topsoil stockpiles.
- e. Any produced water will be contained on site for a period not to exceed 90 days.
- f. Sewage will be disposed of according to county and state requirements. Sealed chemical portable toilets will be on location during these drilling operations. Waste and chemicals will not be disposed of on location.
- g. Cuttings will be deposited in the reserve pit.

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "K".
- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "L".
- c. The drilling rig facilities layout is shown on EXHIBIT "G". No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.

- d. The reserve pit and the blooie pit will be constructed as a combination pit capable of holding 12,000 bbls of fluid. The size of the pit will be approximately equivalent to four times the TD hole volume. The blooie pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the location.
 - e. The reserve pit will be located on the North side of the location.
 - f. If needed, flare pit will be located downwind of the prevailing wind directions a minimum of 100' from the wellhead and 30' from the reserve pit fence.
 - g. Stockpiled topsoil (first 6 inches) will be stored on the South and west sides between Corners 1 and 3.
 - h. Access to the wellpad will be from the North between corners A and 4.
 - i. All pits will be fenced according to the following minimum standards:
 - a. 39-inch net wire will be used with at least one strand of barbed wire on top of the net wire unless pipe or some type of reinforcement rod is attached to the top of the entire fence.
 - b. The net wire shall be no more than 2 inches above the ground. If barbed wire it shall be 3 inches above the net wire. Total height of fence will be at least 42 inches.
 - c. Corner posts will be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts will be used between the cornerbraces. Maximum distance between any two posts will be no greater than 16'.
 - d. All wire will be stretched before it is attached to the corner posts.
- The reserve pit will be fenced on three sides during drilling operations and on the fourth side when the rig moves off locations. Pits will be fenced and maintained until clean-up.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

The BLM will be notified of any reclamation operations.

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1.
- c. A plastic nylon reinforced liner will be used, and it will be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed.

Dry hole/abandoned location:

At such time as the well is plugged and abandoned, operator will submit a subsequent report of abandonment.

11. SURFACE OWNERSHIP:

Brad Nelson
P.O. Box 638
Roosevelt, UT 84066

12. OTHER INFORMATION:

- a. The surface owner has waived any archeological surveys.
- b. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.
- c. Drilling operations will be conducted in accordance with the Bureau of Land Management conditions of approval when received.

- d. All surface disturbance and reclamation will be done in accordance with the agreement with the private surface owner.

13. OPERATOR'S REPRESENTATIVES:

Equitable Resources Energy Company, Balcron Oil Division
1601 Lewis Avenue
Billings, Montana 59102
(8:00 a.m. to 5:00 p.m.)
(406) 259-7860
FAX: (406) 245-1361

Dave McCoskery, Operations Manager Home: (406) 248-3864
Mobile: (406) 698-3732

Dale Griffin, Operations Supervisor Mobile: (801) 828-7291
Home: (801) 781-1018

14. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Equitable Resources Energy Company's Balcron Oil Division and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

December 14, 1995
Date

Bobbie Schuman
Bobbie Schuman
Regulatory and Environmental
Specialist
Equitable Resources Energy
Company, Balcron Oil Division

Equitable Resources Well Prognosis

EXHIBIT "C"

Well Name <u>MONUMENT FEDERAL #32-22-8-17</u>		Exploratory	Control Well	<u>BMF 22-22Y</u>
Location <u>SW/NE SECTION 22-T8S-R17E (1980 FNL, 1980 FEL)</u>		Development	Operator	<u>EREC</u>
County <u>DUCHESNE</u>		Field	KB	<u>5169</u>
State <u>UTAH</u>		Section	Section	<u>SE/NW 22</u>
Total Depth	<u>6400</u>	Township	Township	<u>8S</u>
GL (Ung)	<u>5120</u>	Range	Range	<u>17E</u>
EST. KB <u>5129</u>				

Formation Tops	Prognosis		Sample Top		Control Well	High/Low		
Formation	Depth	Datum	Depth	Datum	Datum	Prog	Cntl	Deviation
UINTA	<u>SURFACE</u>							
GREEN RIVER	<u>1855</u>	<u>3274</u>			<u>3284</u>			
HORSE BENCH SS	<u>2761</u>	<u>2368</u>			<u>2378</u>			
2ND GARDEN GULCH	<u>4398</u>	<u>731</u>			<u>741</u>			
Y-2 (PAY)	<u>4718</u>	<u>411</u>			<u>421</u>			
Y-3 (PAY)	<u>4761</u>	<u>368</u>			<u>378</u>			
YELLOW MARKER	<u>5033</u>	<u>96</u>			<u>106</u>			
DOUGLAS CREEK	<u>5204</u>	<u>-75</u>			<u>-65</u>			
R-1 (PAY)	<u>5238</u>	<u>-109</u>			<u>-99</u>			
2ND DOUGLAS CREEK	<u>5476</u>	<u>-347</u>			<u>-337</u>			
GREEN MARKER	<u>5620</u>	<u>-491</u>			<u>-481</u>			
G-4 (PAY)	<u>5742</u>	<u>-613</u>			<u>-603</u>			
G-6 (PAY)	<u>5829</u>	<u>-700</u>			<u>-690</u>			
CARBONATE MARKER	<u>6070</u>	<u>-941</u>			<u>-931</u>			
B-1 (PAY)	<u>6119</u>	<u>-990</u>			<u>-980</u>			
B-2 (PAY)	<u>6172</u>	<u>-1043</u>			<u>-1043</u>			
TD	<u>6400</u>							

Samples	DST,s	Wellsite Geologist
<u>50' FROM 1800' TO 4400'</u>	DST #1	Name: _____
<u>20' FROM 4400' TO TD</u>	DST #2	From: _____ to: _____
<u>5' THROUGH EXPECTED PAY</u>	DST #3	Address: _____
<u>5' THROUGH DRILLING BREAKS</u>	DST #4	_____
		Phone # _____ wk. _____
		_____ hm. _____
		Fax # _____

Logs	Cores	Mud Logger/Hot Wire
<u>DLL FROM SURF CSNG TO TD</u>	Core #1	Company: _____
<u>LDT/CNL FROM 4200 TO TD</u>	Core #2	Required: (Yes/No) <u>YES</u>
_____	Core #3	Type: <u>2 MAN</u>
_____	Core #4	Logger: _____
_____		Phone # _____
_____		Fax # _____

Comments: _____		
Report To: 1st Name: <u>DAVE BICKERSTAFF</u>		Phone # <u>(406)259-7860</u> wk. <u>(406)245-2261</u> hm. _____
2nd Name: <u>KEVEN REINSCHMIDT</u>		Phone # <u>(406)259-7860</u> wk. <u>(406)248-7026</u> hm. _____
Prepared By: <u>DAVE BICKERSTAFF</u>	<u>11/13/95</u>	Phone # _____ wk. _____ hm. _____



EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION

EXHIBIT "D"
Page 1 of 2

DRILLING PROGRAM

WELL NAME: Monument Federal #32-22-8-17
PROSPECT/FIELD: Pariette Draw
LOCATION: SW/NE Section 22 Twn.8S Rge.17E
COUNTY: Duchesne
STATE: Utah

DATE: 12-11-95

TOTAL DEPTH: 6400'

HOLE SIZE INTERVAL

12 1/4"	Surface to 260'
7 7/8"	260' to 6400'

CASING

INTERVAL

CASING

STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	6400'	5 1/2"	15.50	K55

CEMENT PROGRAM

Surface Casing	150 sacks class "G" with 2% CaCl and 1/4 lb/sack Flocele. (Cement will be circulated to surface.)
Production Casing	250 sacks Thrifty Lite and 400 sacks 50-50 Poz. (Actual cement volumes will be calculated from caliper log with cement top at 2000')

PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0'	260'	N.A.	N.A.	N.A.
Air/Air Mist/KCl wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

COMMENTS

1.) No cores or tests are planned for this well.

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Federal 32-22-8-17
Project ID:	Location: Duchesne/Utah

Design Parameters:

Mud weight (9.00 ppg) : 0.468 psi/ft
 Shut in surface pressure : 2352 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)
 Overpull : 0 lbs.

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	6,400	5-1/2"	15.50	K-55	ST&C	6,400	4.825		
	Collapse Load (psi)	Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2992	4040	1.350	2992	4810	1.61	99.20	222	2.24 J

Prepared by : McCoskery, Billings, MT
 Date : 11-30-1995
 Remarks :

Minimum segment length for the 6,400 foot well is 1,500 feet.

The mud gradient and bottom hole pressures (for burst) are 0.468 psi/ft and 2,992 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1990 pricing model. (Version 1.0G)

EXHIBIT E

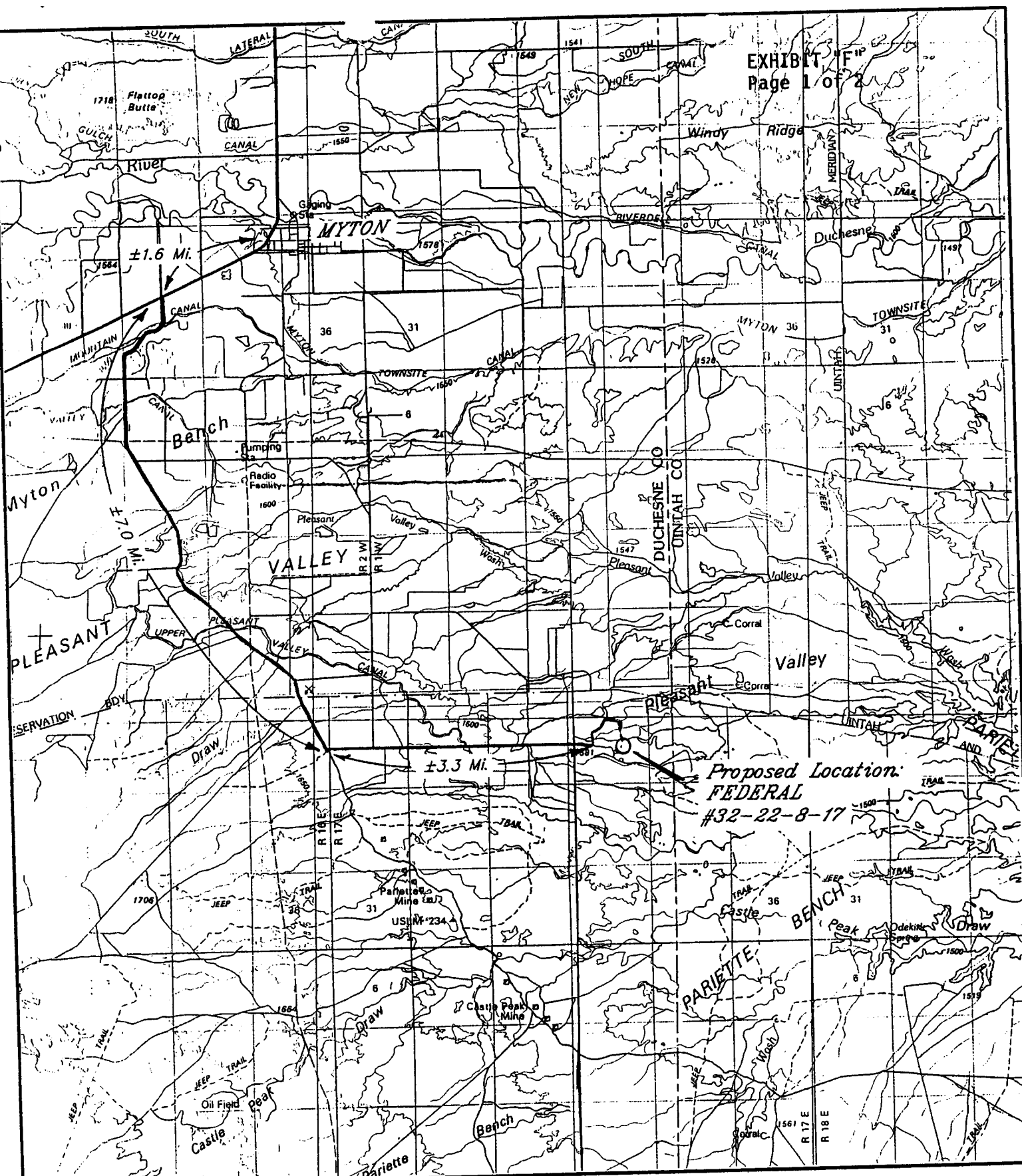
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- B. Extremely hazardous substances threshold quantities (per Howard Cleavinger 11/30/93) of which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

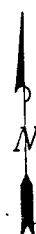
We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

12/1/93
Revised 12/7/93
/rs

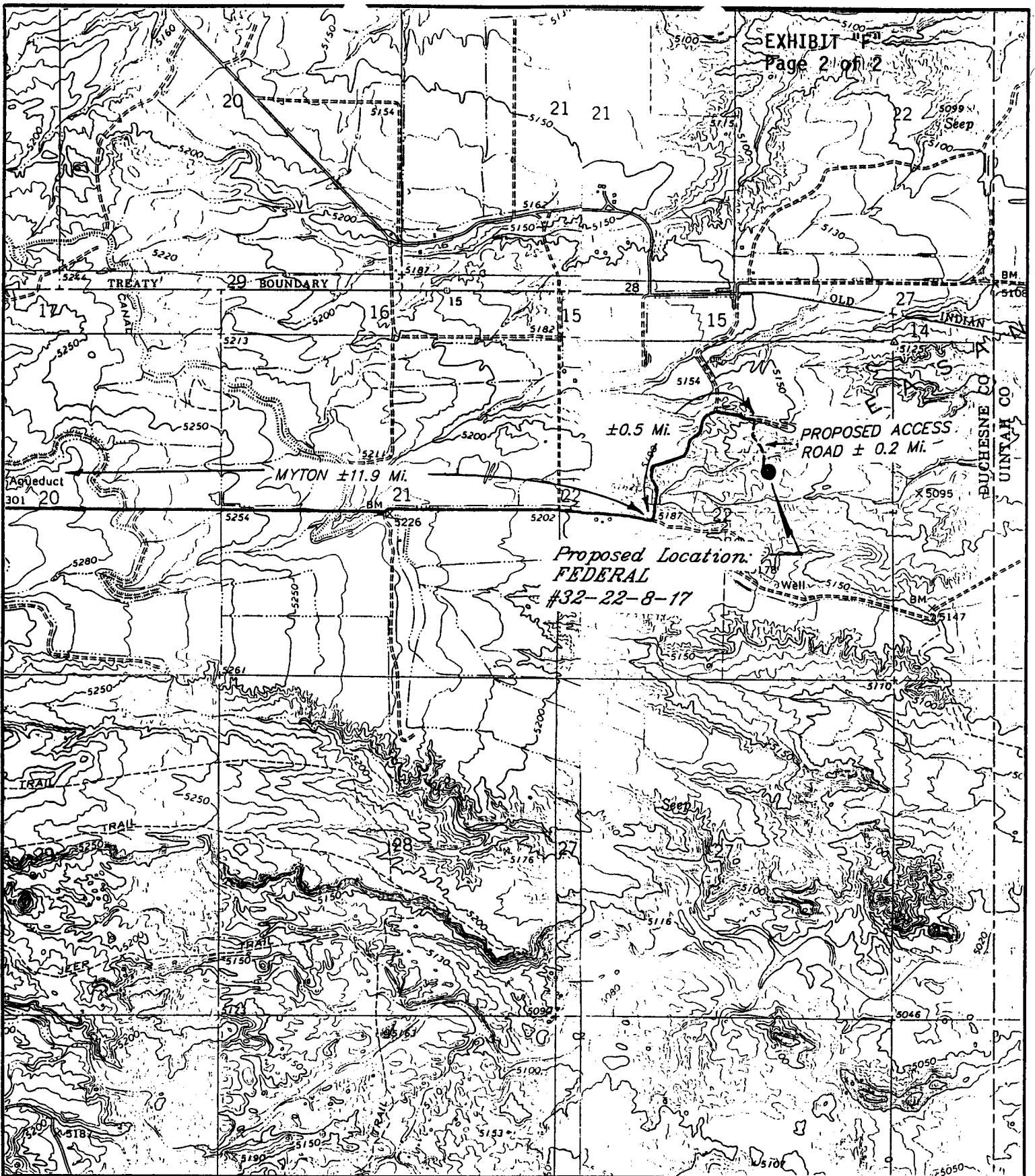


EQUITABLE RESOURCES CO.

FEDERAL #32-22-8-17
SEC. 22, T8S, R17E, S.L.B. & M.
TOPO "A"

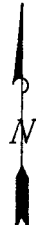


Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078



EQUITABLE RESOURCES CO.

FEDERAL #32-22-8-17
SEC. 22, T8S, R17E, S.L.B.&M.
TOPO "B"



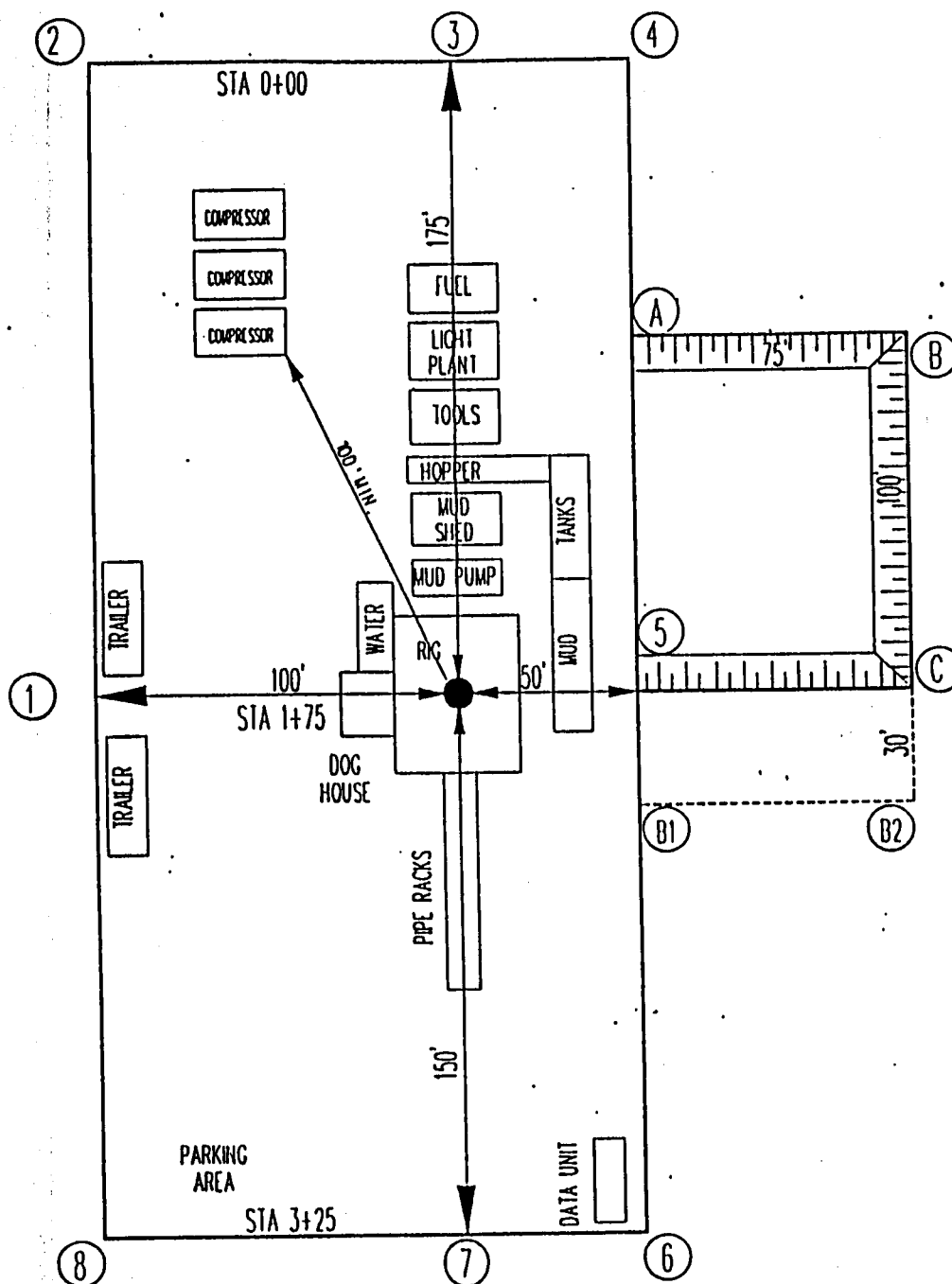
SCALE: 1" = 2000'

Tri State
Land Surveying, Inc.
(801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

EQUITABLE RESOURCES ENERGY CO.

WELLSITE LAYOUT



TRI-STATE
LAND SURVEYING, INC.
 38 WEST 100 NORTH, YERBA, UTAH 84078
 801-781-2501

EXHIBIT "H"

UNION DRILLING RIG #17

Hex Kelly -

ROTATING HEAD

ADJ. CHOKE

AIR BOWL

7" FLOWLINE

#3000

BLIND RAM. PIPE RAM

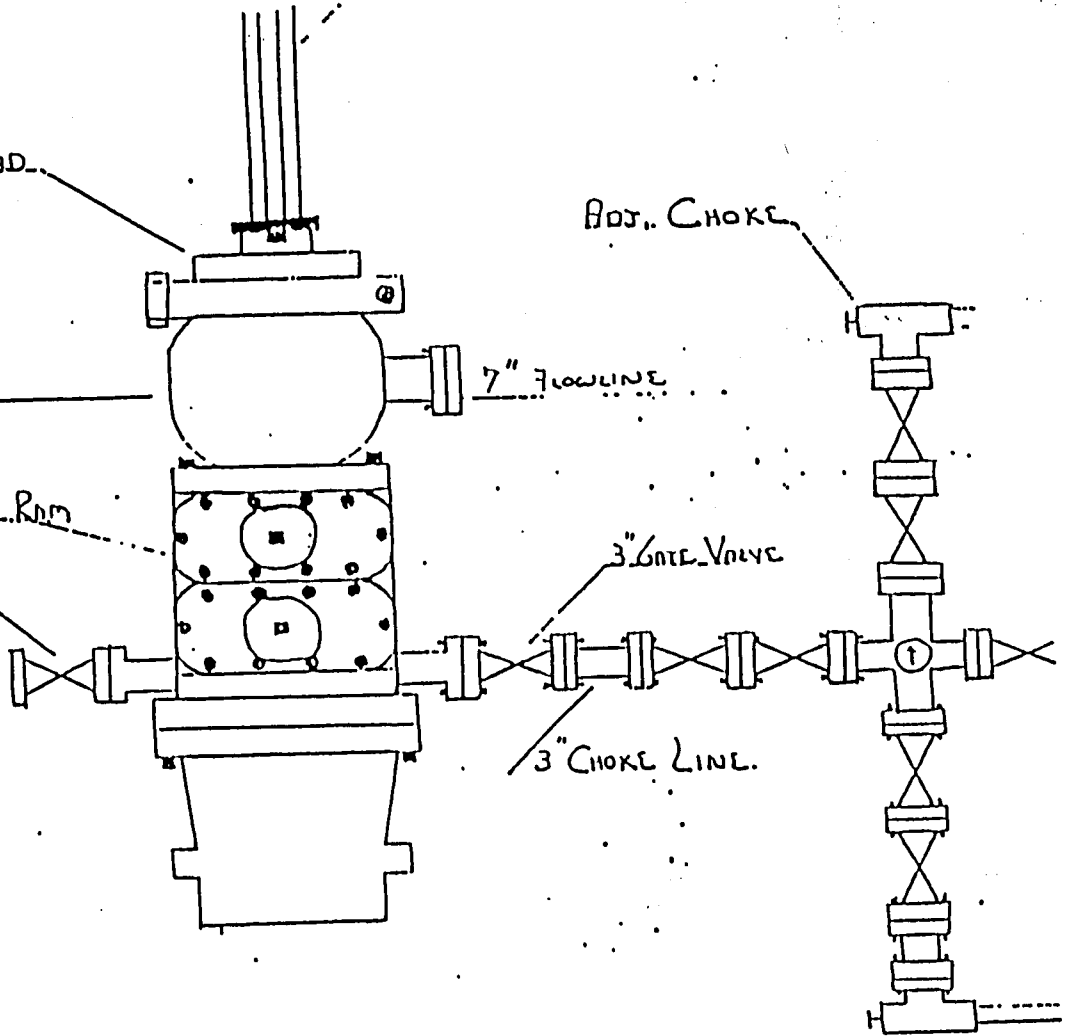
3" GATE VALVE

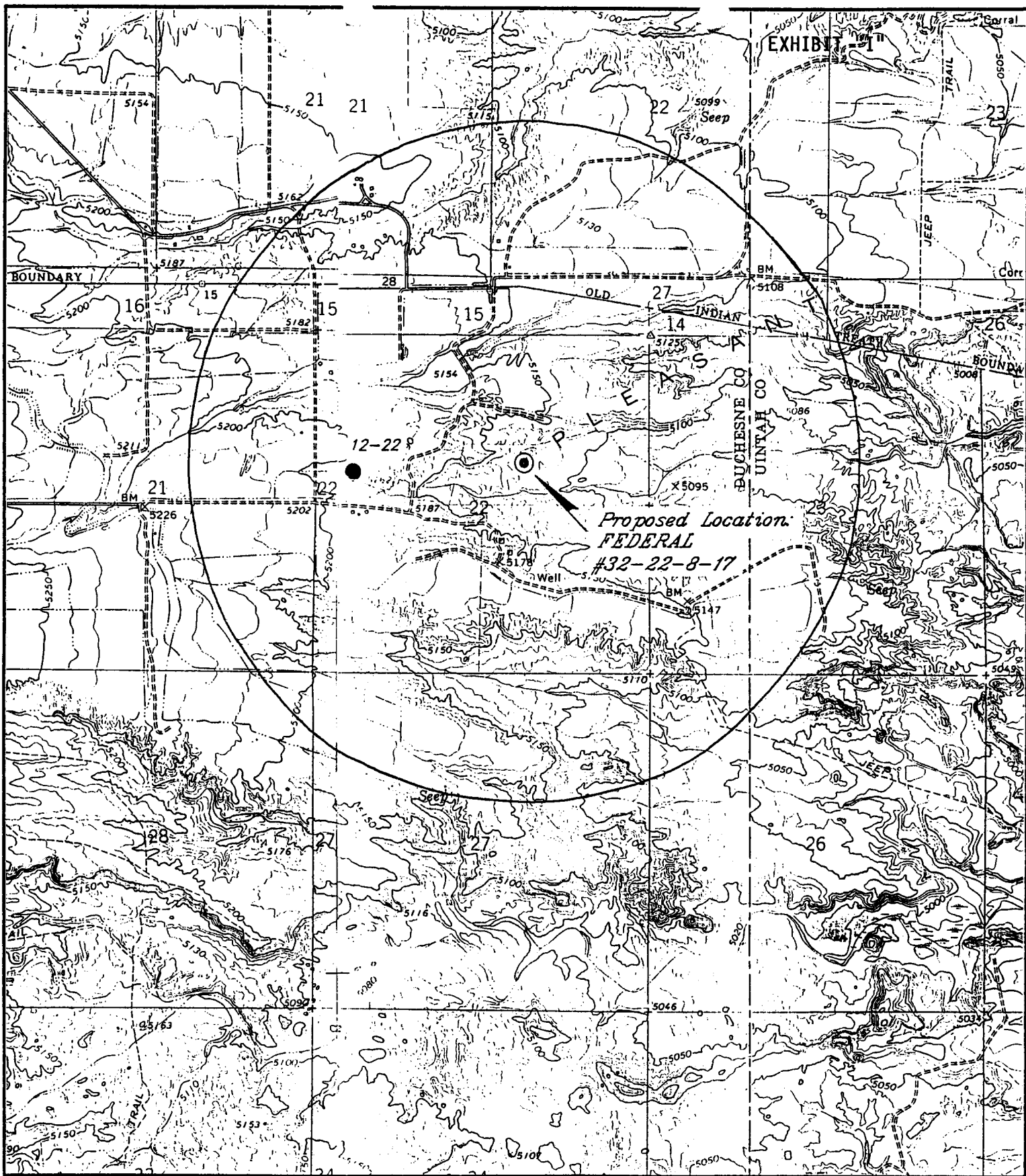
3" GATE VALVE

3" CHOKE LINE

ADJ. CHOKE

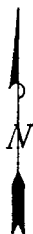
#3000 STACK





EQUITABLE RESOURCES CO.

FEDERAL #32-22-8-17
 SEC. 22, T8S, R17E, S.L.B.&M.
 TOPO "C"



Tri State
 Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

PROPOSED PRODUCTION FACILITY DIAGRAM

EXHIBIT "J"

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

DIKE

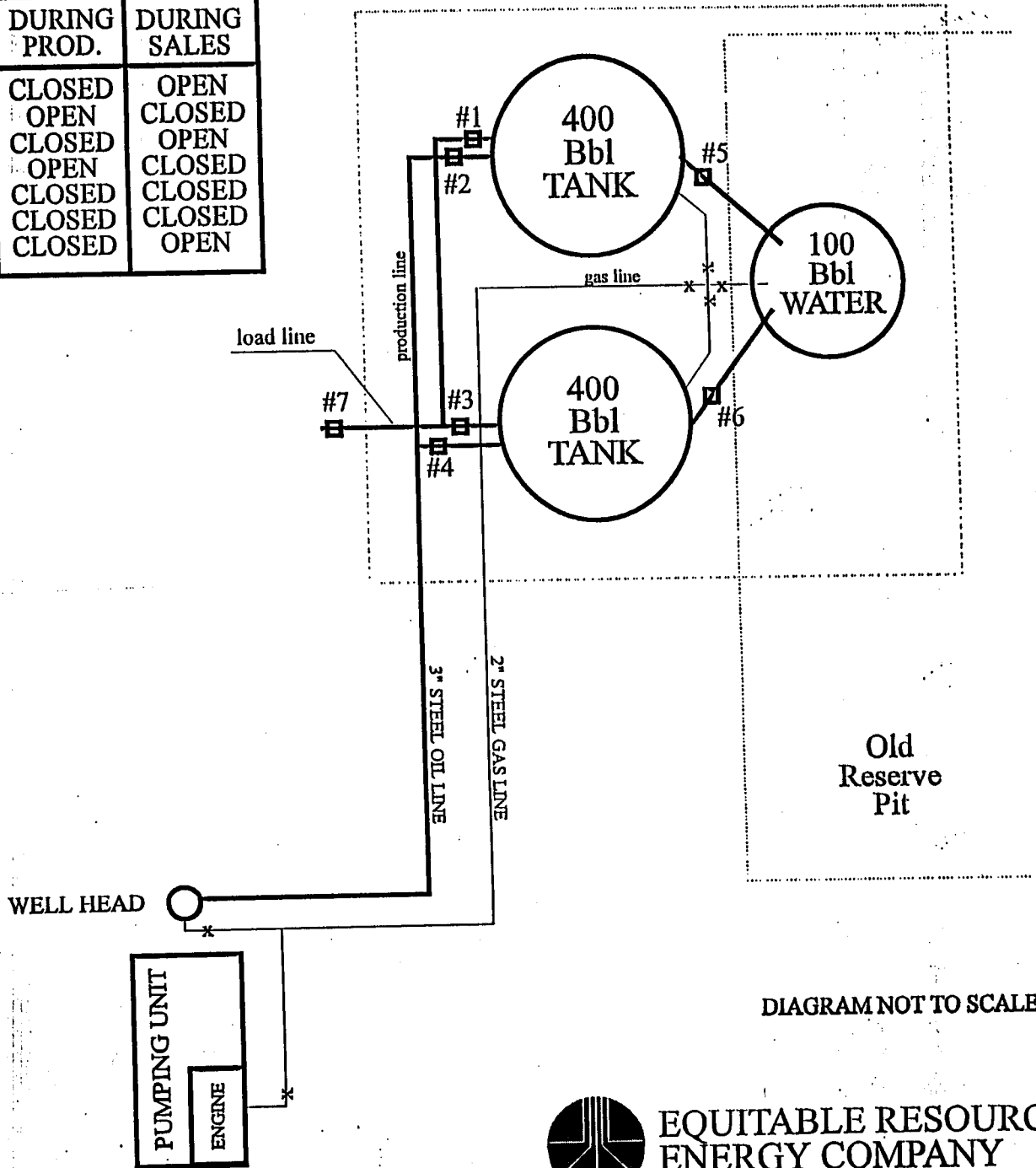


DIAGRAM NOT TO SCALE



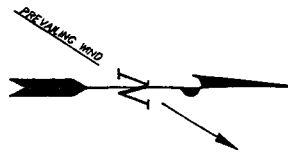
**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

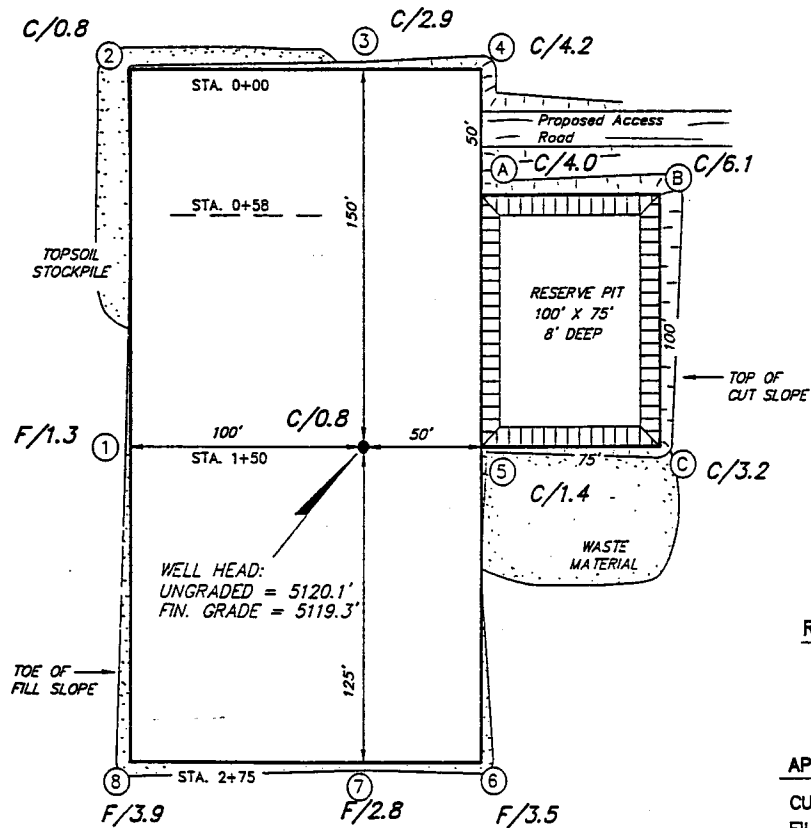
1601 Lewis Avenue
Billings, MT 59104-2
(406) 259-7860

EQUITABLE RESOURCES ENERGY CO.

FEDERAL #32-22-8-17
SECTION 22, T8S, R17E, S.L.B.&M.



SCALE: 1" = 50'



REFERENCE POINTS

150' SOUTH = 5116.8'
200' SOUTH = 5116.6'
200' WEST = 5122.1'
250' WEST = 5123.1'

APPROXIMATE YARDAGES

CUT = 1,780 Cu. Y.
FILL = 1,720 Cu. Yds.
PIT = 1,940 Cu. Yds.
6" TOPSOIL = 900 Cu. Yds.

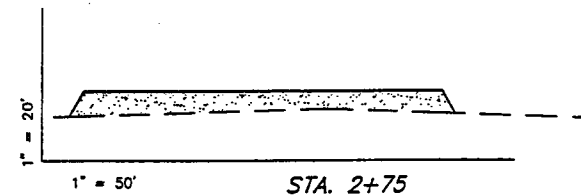
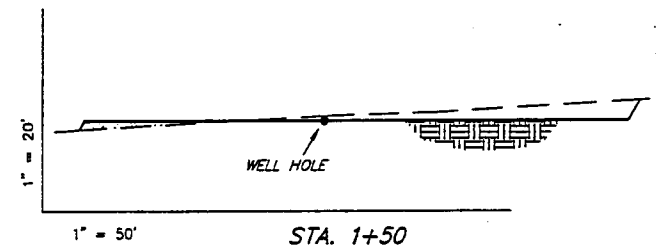
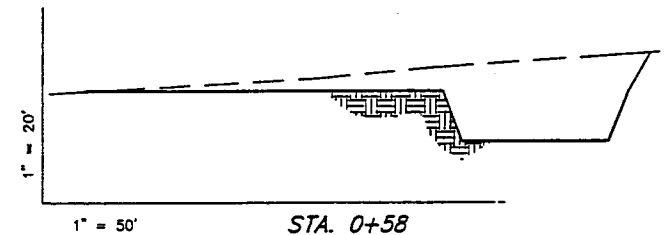
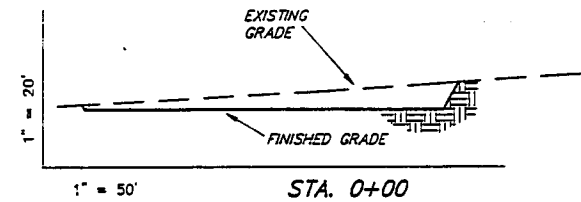


EXHIBIT "L"

SURVEYED BY: S.S.

DRAWN BY: J.R.S.

DATE: 10-9-95

SCALE: 1" = 50'

FILE:

Tri State
Land Surveying, Inc.
(801) 781-2501
35 WEST 100 NORTH VERNAL, UTAH 84078

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/18/95

API NO. ASSIGNED: 43-013-31586

WELL NAME: MONUMENT FEDERAL 32-22-8-17
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:

SWNE 22 - T08S - R17E
SURFACE: 1980-FNL-1980-FEL
BOTTOM: 1980-FNL-1980-FEL
DUCHESNE COUNTY
UNDESIGNATED FIELD (002)

LEASE TYPE: FED
LEASE NUMBER: U - 67845

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

Y Plat
Y Bond: Federal [Y State[] Fee[]
(Number 5547188)
N Potash (Y/N)
N Oil shale (Y/N)
Y Water permit
(Number 47-1674)
N RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

___ R649-2-3. Unit: _____
Y R649-3-2. General.
___ R649-3-3. Exception.
___ Drilling Unit.
Board Cause no: _____
Date: _____

COMMENTS: _____

STIPULATIONS: _____

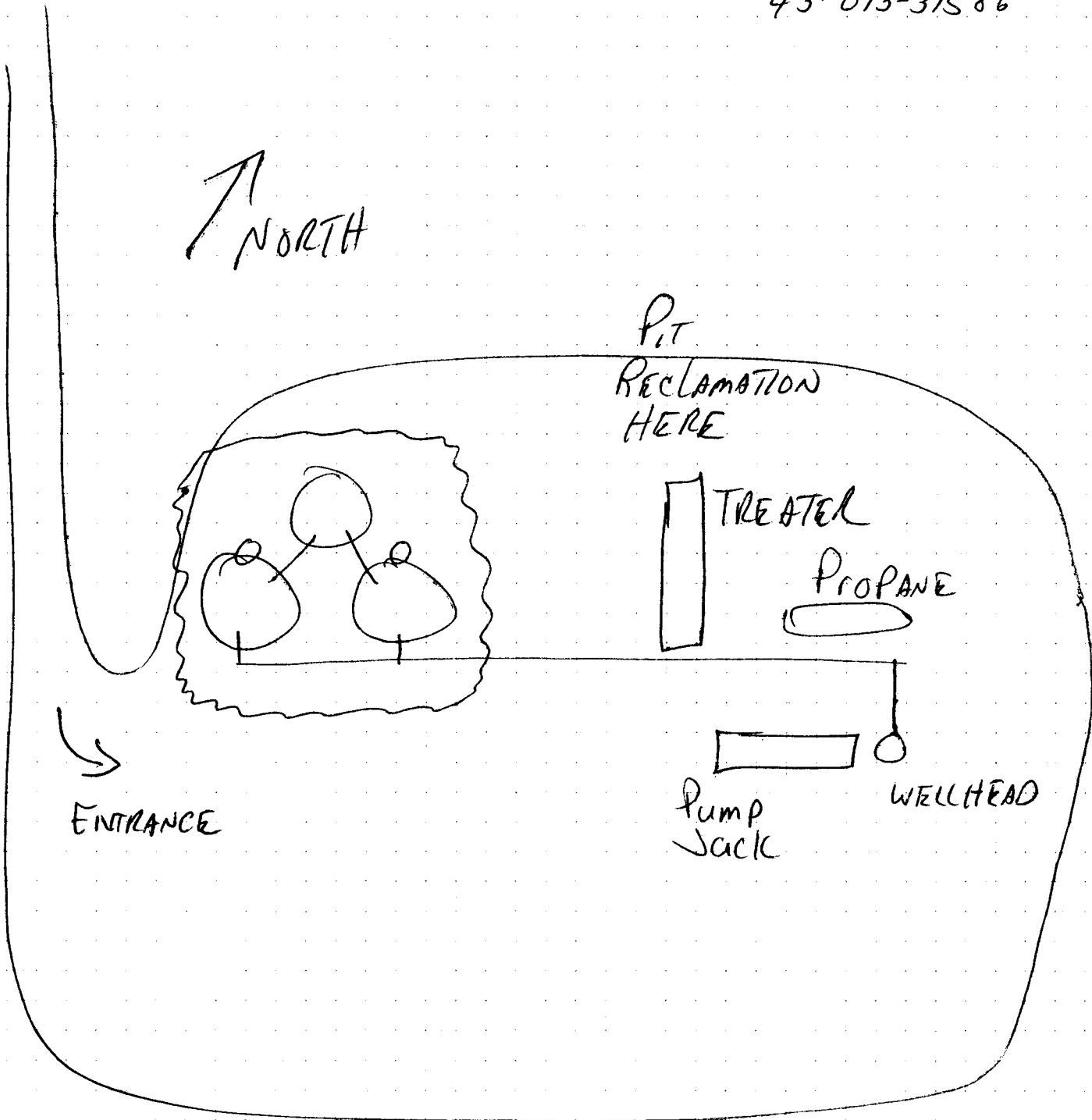
EQUITABLE RESURGE
MON BUTTE FED #32-22-8-17

SEC 22; T8S; R17E

POW

U-67845

43-013-31586



[Signature]

**CULTURAL RESOURCE EVALUATION
OF THIRTEEN PROPOSED WELL LOCATIONS & ACCESS ROUTES
IN THE CASTLE PEAK DRAW LOCALITY OF
DUCHESNE & UINTAH COUNTIES, UTAH**

Report Prepared for Balcron Oil Division
(Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y)

Dept. of Interior Permit No.: UT-95-54937
AERC Project 1512 (BLCR-95-8B)

Utah State Project No.: UT-95-AF-773b

Principal Investigator
F. Richard Hauck, Ph.D.

Author of the Report
F. Richard Hauck



**ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH
CORPORATION (AERC)**

181 North 200 West, Suite 5
Bountiful, Utah 84010

January 23, 1996

ABSTRACT

An intensive cultural resource evaluation has been conducted for Balcron Oil Division of thirteen proposed well locations (Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y) and their 3.1 miles of associated access routes situated on public lands administered by the Bureau of Land Management, Vernal District. This project area is located in the Castle Peak Draw, Pariette Bench, Wells Draw, Pleasant Valley, Eightmile Flat, and Desert Spring Wash localities of Uintah & Duchesne Counties, Utah. This evaluation involved a total of 167.53 acres, of which 130 acres were associated with the well pads and an additional 37.53 acres were associated with the various access routes. These evaluations were conducted by Richard Beaty and Michael Hauck of AERC between November 28 and December 8, 1995.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed developments.

No newly identified prehistoric cultural resource activity loci were discovered and recorded during the examinations.

No isolated diagnostic artifacts were noted during the investigations.

No paleontological loci of significance were identified during the surface examinations.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

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GENERAL INFORMATION

On November 28 through December 8, 1995, AERC archaeologists Richard Beaty and Michael Hauck conducted an intensive cultural resource evaluation for Balcron Oil Division of Billings Montana. This examination involved thirteen proposed well locations and associated access routes in the Castle Peak Draw locality southeast of Myton, Utah (see Maps 1 through 8). These well locations include Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y. An area of ten acres was inventoried for each well pad for a total of 130 acres. About 3.1 miles of access routes totaling some 37.53 acres was also examined for cultural resource presence for a total of 167.53 acres. All of these well locations and access routes are situated on public lands administered by the Bureau of Land Management, Vernal District Office, Diamond Mountain Resource Area.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these well locations and access routes requires an archaeological evaluation in compliance with various state laws and U.C.A. 9-8-404; the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Bureau of Land Management, Vernal District Office and to the State Antiquities Section.

Project Location

The project location is in the Castle Peak Draw, Pariette Bench, Wells Draw, Pleasant Valley, Eightmile Flat, and Desert Spring Wash localities of Duchesne and Uintah Counties, Utah. The various locations are shown on the Pariette Draw SW, Myton SE, Myton SW, and Moon Bottom 7.5 minute topographic quads (see Maps 2-8).

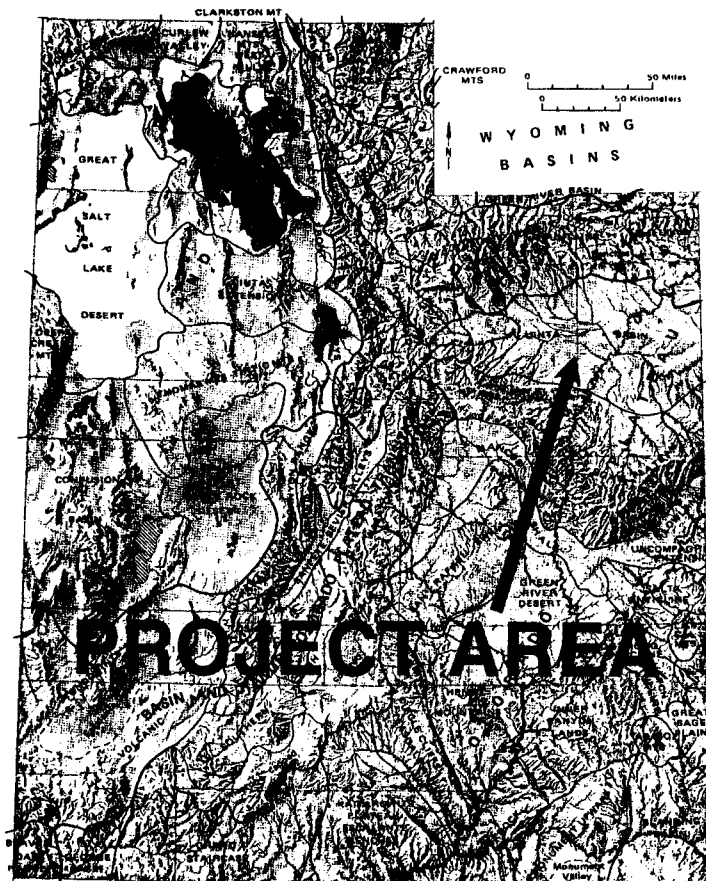
Monument Federal Unit 34-3-9-17Y is situated in the Southwest quarter of the Southeast quarter of Section 3, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 31-10-9-17Y is situated in the Northwest quarter of the Northeast quarter of Section 10, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.2 mile-long access route.

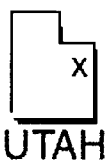
**MAP 1: GENERAL PROJECT LOCALITY
IN
UINTAH AND DUCHESNE COUNTIES
UTAH**



PROJECT: BLCR - 95 - 8B
SCALE: see below
QUAD: see below
DATE: January 22, 1996



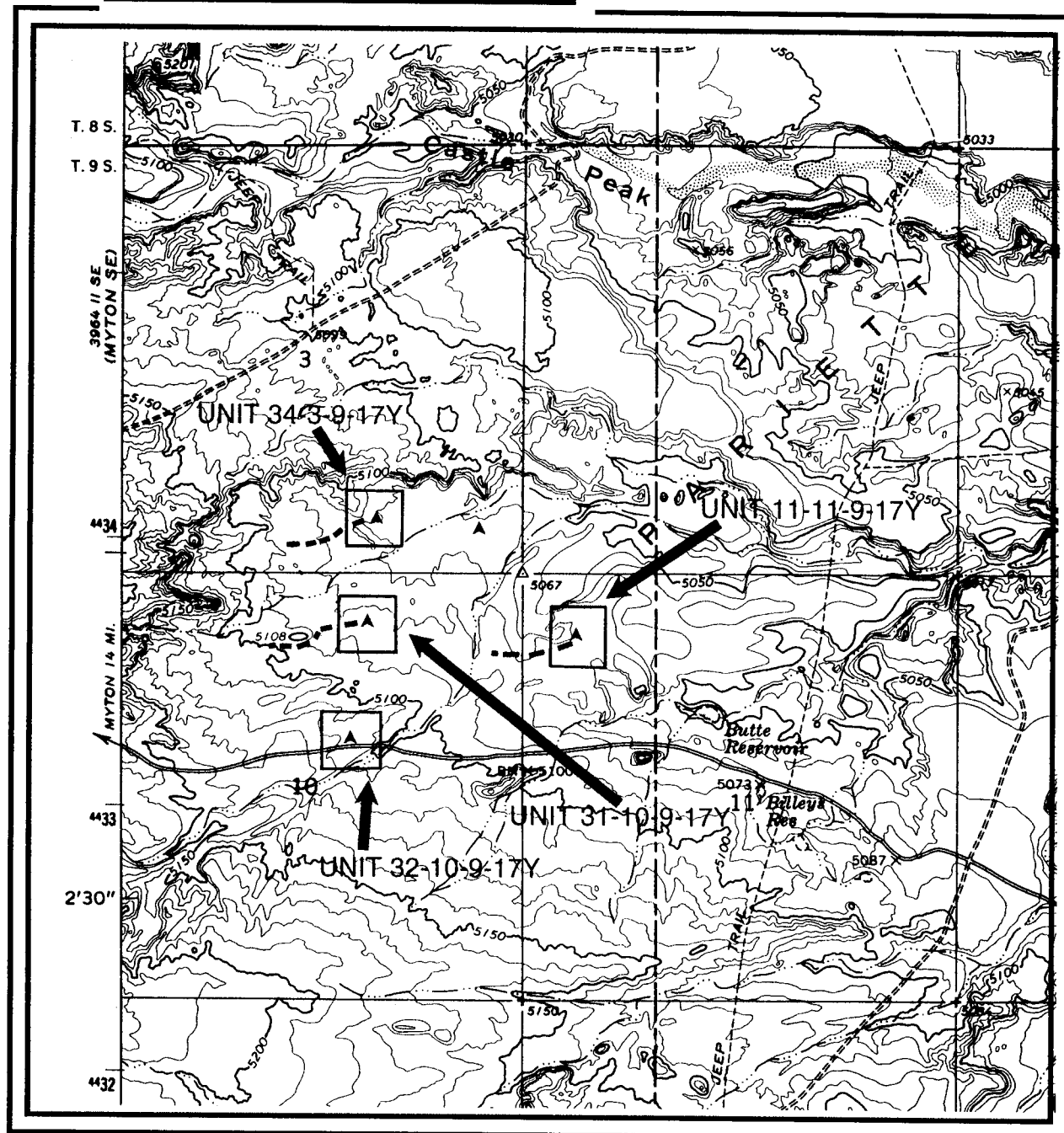
UTAH GEOLOGICAL AND MINERAL SURVEY
 MAP 43 1977
 PHYSIOGRAPHIC SUBDIVISIONS OF UTAH
 BY W.L. STOKES



TOWNSHIP: MULTIPLE
RANGE: MULTIPLE
MERIDIAN: SALT LAKE & UINTAH B. & M.

**MAP 2: CULTURAL RESOURCE SURVEY
OF VARIOUS BALCRON WELLS
IN THE CASTLE PEAK DRAW
LOCALITY OF DUCHESNE COUNTY,
UTAH**

PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Pariette Draw SE, Utah
DATE: January 22, 1996



LEGEND

TOWNSHIP: 9 South
RANGE: 17 East
MERIDIAN: Salt Lake B. & M.

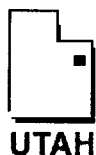
Well Location



Access Route



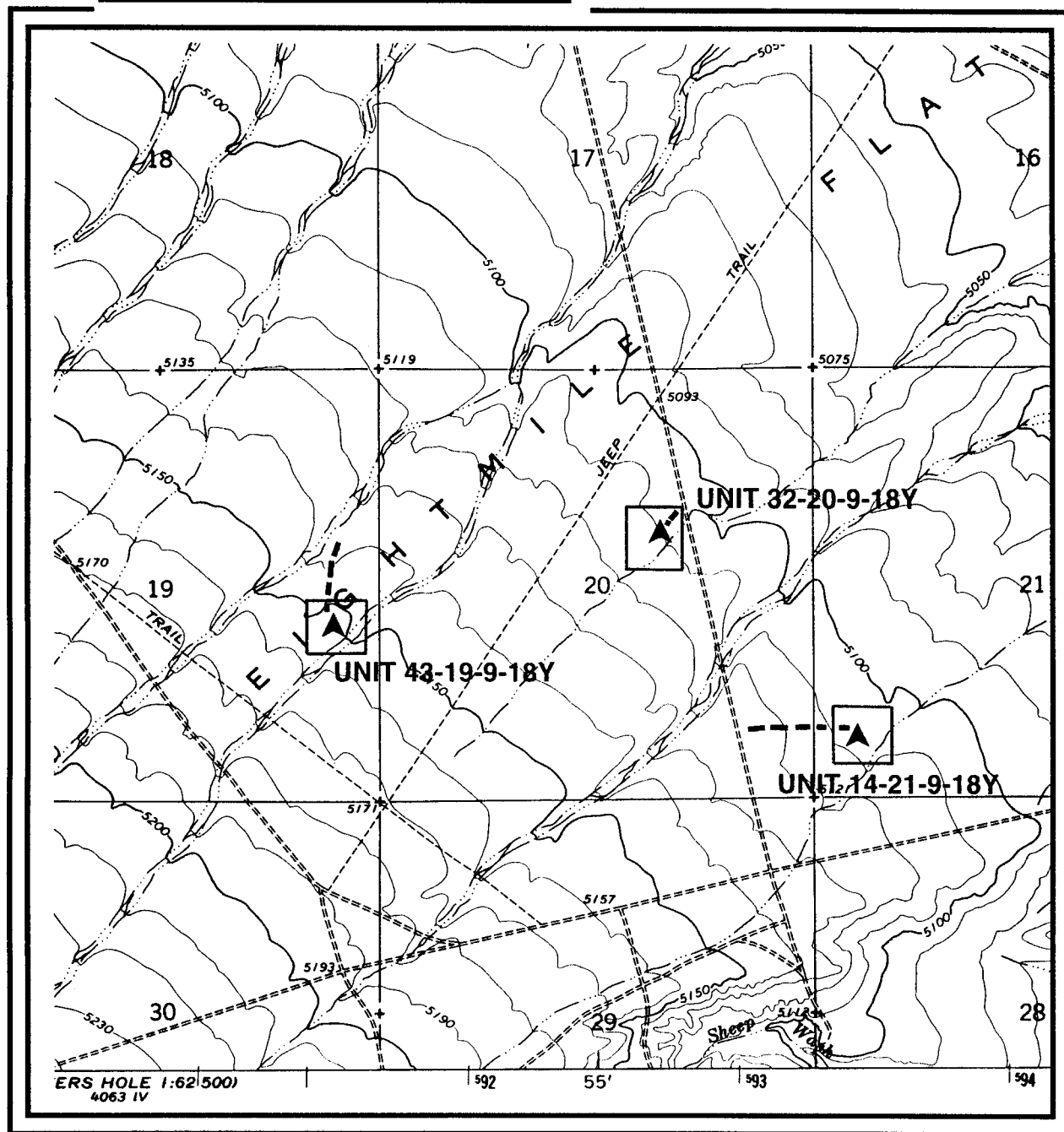
Ten Acre
Survey
Area



UTAH

**MAP 3: CULTURAL RESOURCE SURVEY
OF VARIOUS BALCRON WELLS
IN THE EIGHTMILE FLAT
LOCALITY OF UINTAH COUNTY,
UTAH**

PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Pariette Draw SE, Utah
DATE: January 22, 1996



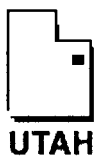
LEGEND

Well Location 

Access Route ~~_____~~



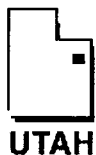
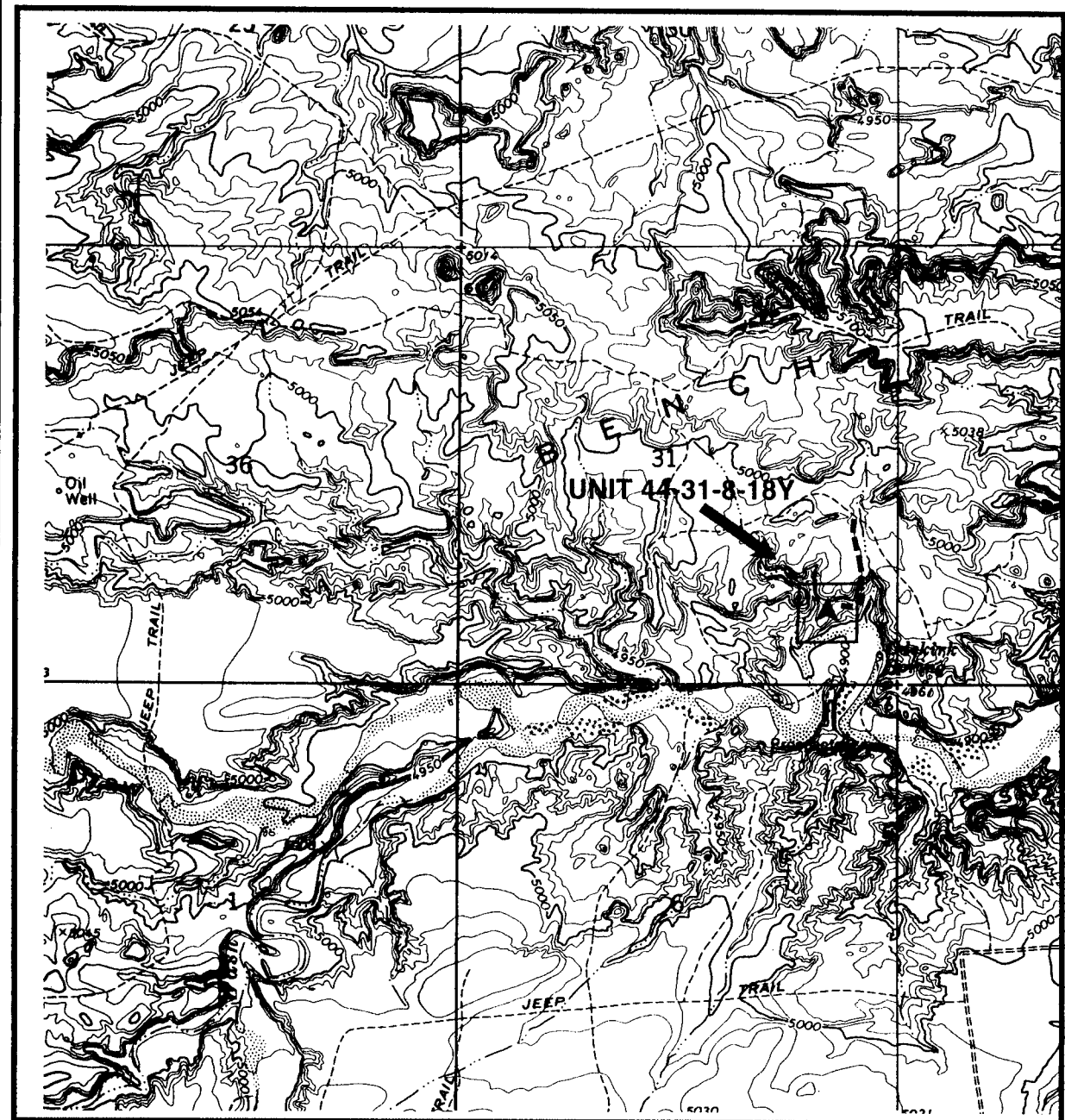
**Ten Acre
Survey
Area**



TOWNSHIP: 9 South
RANGE: 18 East
MERIDIAN: Salt Lake B. & M.

**MAP 4: CULTURAL RESOURCE SURVEY
OF BALCRON WELL UNIT 44-31-8-18Y
IN THE CASTLE PEAK DRAW
LOCALITY OF UINTAH COUNTY,
UTAH**

PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Pariette Draw SW, Utah
DATE: January 22, 1996



TOWNSHIP: 8 South
RANGE: 18 East
MERIDIAN: Salt Lake B. & M.

LEGEND

Well Location



Access Route

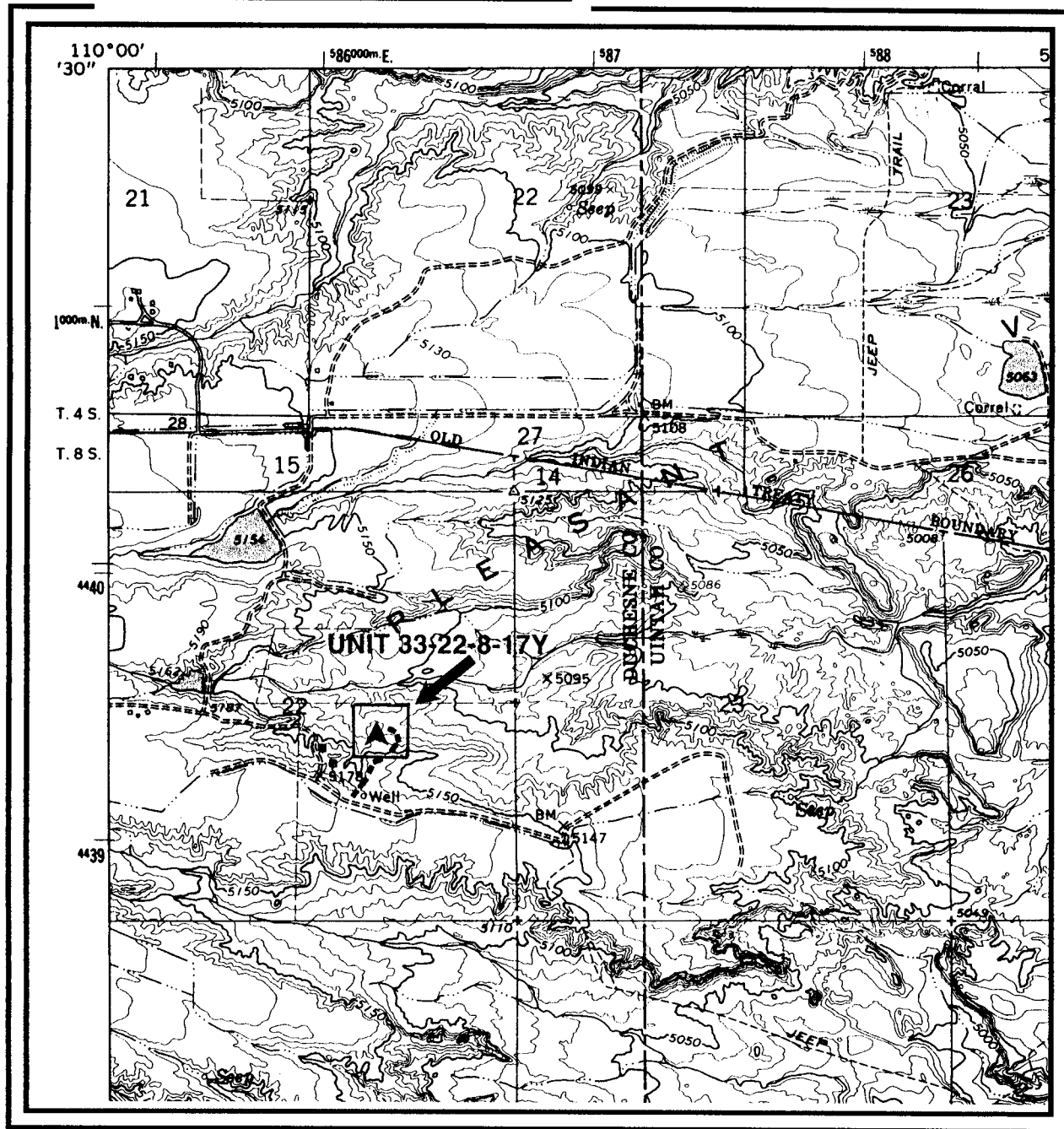


Ten Acre
Survey
Area



**MAP 5: CULTURAL RESOURCE SURVEY
OF BALCRON WELL UNIT 33-22-8-17Y
IN THE PLEASANT VALLEY
LOCALITY OF DUCHESNE COUNTY,
UTAH**

PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Pariette Draw SW, Utah
DATE: January 23, 1996



LEGEND

TOWNSHIP: 8 South
RANGE: 17 East
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route



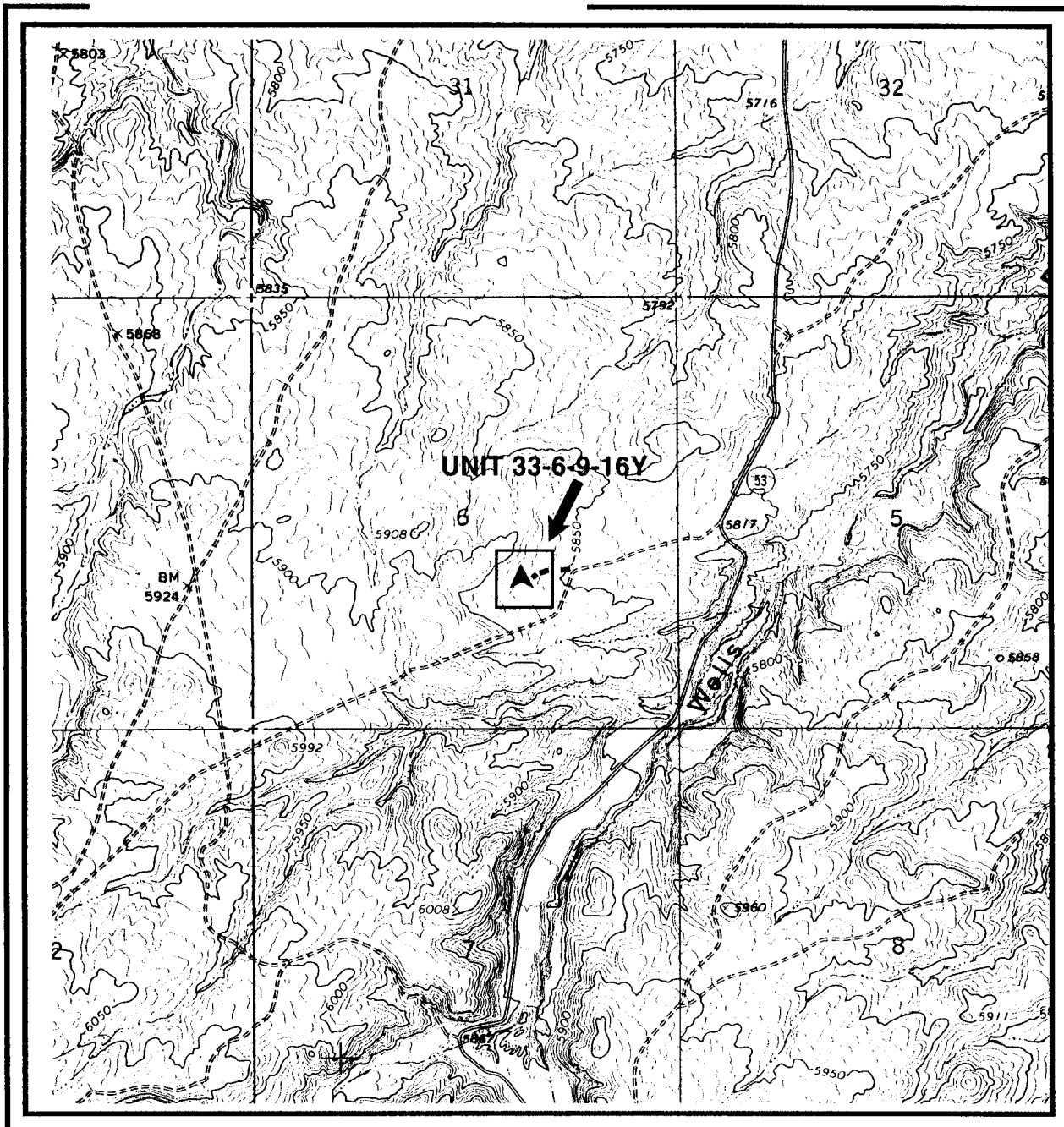
Ten Acre
Survey
Area



UTAH

**MAP 6: CULTURAL RESOURCE SURVEY
OF BALCRON WELL UNIT 33-6-9-16Y
IN THE WELLS DRAW
LOCALITY OF DUCHESNE COUNTY,
UTAH**

PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Myton SW, Utah
DATE: January 23, 1996



LEGEND



TOWNSHIP: 9 South
RANGE: 16 East
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route



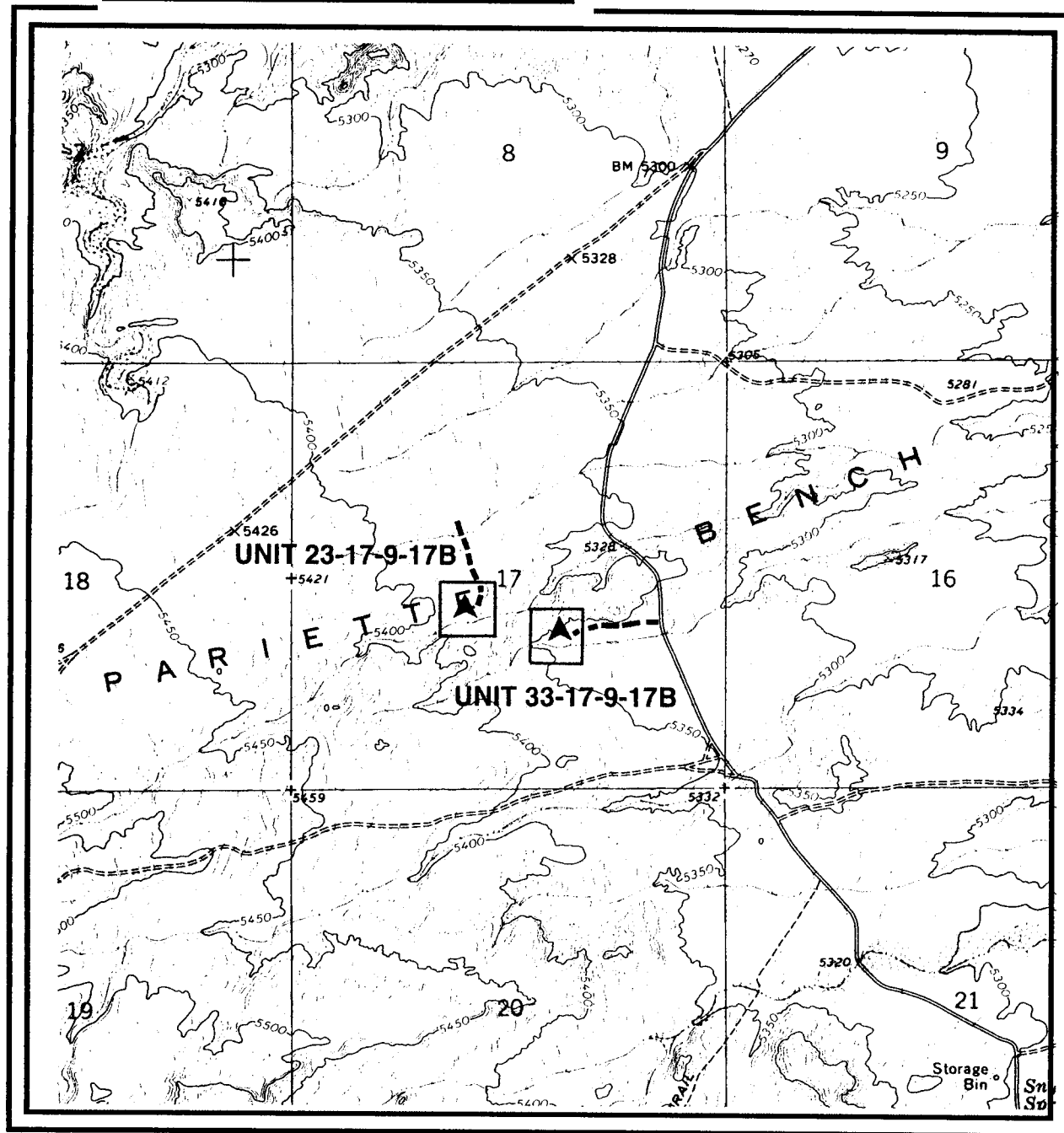
Ten Acre
Survey
Area



**MAP 7: CULTURAL RESOURCE SURVEY
OF VARIOUS BALCRON WELLS
IN THE PARIETTE BENCH
LOCALITY OF DUCHESNE COUNTY,
UTAH**



PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Myton SW, Utah
DATE: January 23, 1996



LEGEND



TOWNSHIP: 9 South
RANGE: 17 East
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route

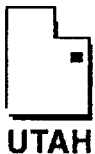
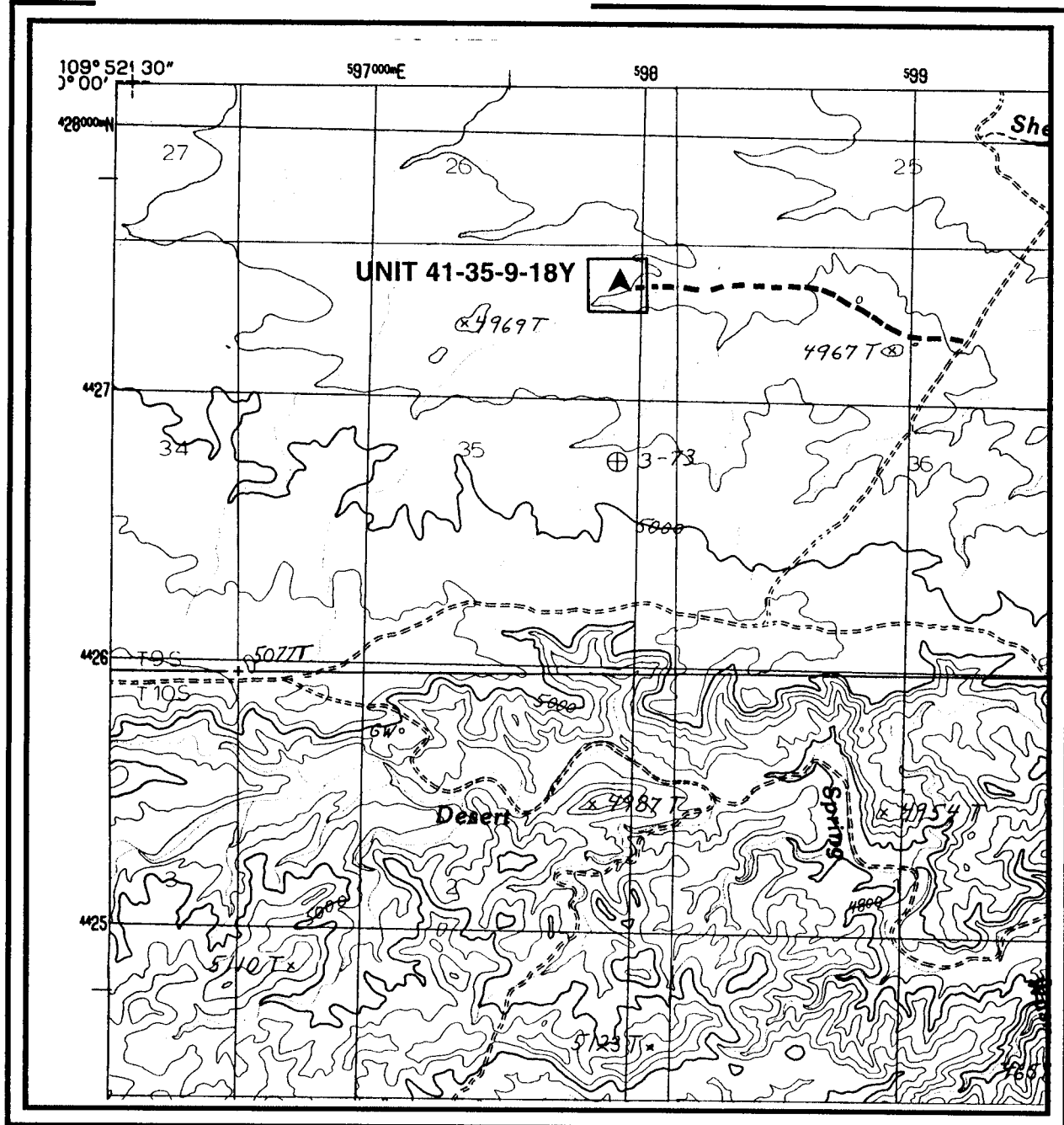


**Ten Acre
Survey
Area**



**MAP 8: CULTURAL RESOURCE SURVEY
OF BALCRON WELL UNIT 41-35-9-18Y
IN THE DESERT SPRING WASH
LOCALITY OF UINTAH COUNTY,
UTAH**

PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Moon Bottom, Utah
DATE: January 23, 1996



TOWNSHIP: 9 South
RANGE: 18 East
MERIDIAN: Salt Lake B. & M.

LEGEND

Well Location



Access Route



Ten Acre
Survey
Area



Monument Federal Unit 32-10-9-17Y is situated in the Southwest quarter of the Northeast quarter of Section 10, Township 9 South, Range 17 East (see Map 2).

Monument Federal Unit 11-11-9-17Y is situated in the Northwest quarter of the Northwest quarter of Section 11, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 43-19-9-18Y is situated in the Northeast quarter of the Southeast quarter of Section 19, Township 9 South, Range 18 East (see Map 3). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 32-20-9-18Y is situated in the Southwest quarter of the Northeast quarter of Section 20, Township 9 South, Range 18 East (see Map 3).

Monument Federal Unit 14-21-9-18Y is situated in the Southwest quarter of the Southwest quarter of Section 21, Township 9 South, Range 18 East (see Map 3). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 44-31-8-18Y is situated in the Southeast quarter of the Southeast quarter of Section 31, Township 8 South, Range 18 East (see Map 4). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 33-22-8-17Y is situated in the Northwest quarter of the Southeast quarter of Section 22, Township 8 South, Range 17 East (see Map 5). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 33-6-9-16Y is situated in the Northwest quarter of the Southeast quarter of Section 6, Township 9 South, Range 18 East (see Map 6). Access to this location is via a 0.1 mile-long access route.

Monument Federal Unit 23-17-9-17B is situated in the Northeast quarter of the Southwest quarter of Section 17, Township 9 South, Range 17 East (see Map 7). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 33-17-9-17B is situated in the Northwest quarter of the Southeast quarter of Section 17, Township 9 South, Range 17 East (see Map 7). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 41-35-9-18Y is situated in the Northeast quarter of the Northeast quarter of Section 35, Township 9 South, Range 18 East (see Map 8). Access to this location is via a 0.8 mile-long access route.

Environmental Description

The project area is within the 4900 to 5900 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project localities.

The vegetation in the project area includes *Chrysothamnus spp.*, *Artemisia spp.*, *Sarcobatus vermiculatus*, *Ephedra viridis*, *Cercocarpus spp.*, *Atriplex canescens*, and a variety of grasses.

The geological associations within the project area consist of fluvial lake deposits which correlate with the Uinta Formation which is of Tertiary age.

PREVIOUS RESEARCH IN THE LOCALITY

File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on November 15, 1995. A similar search was conducted in the Vernal District Office of the BLM on November 28, 1995. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Hauck and Norman 1980). Other sites have been located and recorded by AERC and other archaeologists and consultants during oil and gas exploration inventories (cf. Fike and Phillips 1984, Hauck and Weder 1989, Hauck and Hadden 1993, 1994).

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the possible exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological

Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to six sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section in certain localities on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits.

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeological team walking a series of 10 to 20 meter-wide transects within each ten acre well location which includes the staked pad and an appropriate buffer zone around the well. The archaeologists also examined 100 foot-wide corridors centered on each flagged access centerline by walking similar transects. The combined acreage for the various access road corridors and the thirteen well locations totals some 167.53 acres.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus, i.e., site). The documentation of each specific cultural site results in its subsequently being sketched, photographed, transit mapped, and appropriately recorded on standardized site forms.

Cultural sites are then evaluated by the Principal Investigator for depth potential utilizing AERC's portable ground penetrating radar (GPR) computerized system (SIR-2 manufactured by

Geophysical Survey Systems, Inc. [GSSI] of North Salem, New Hampshire). Radar assessment within archaeological sites is accomplished by one team member pulling the radar antenna across the site's surface while the Principal Investigator "reads" data directly observable on a battery powered computer's monitor that is directly linked to the antenna. GPR is a valuable tool for determining the presence and density of any buried materials, features or strata whether cultural or natural, but it is particularly valuable in ascertaining archaeological depth potential on a site because it provides an immediate view on the computer of the buried strata and features. In addition, ground penetrating radar is a non-intrusive and non-destructive method of verifying site depth potential -- an important consideration in ensuring the protection and integrity of the rare, non-replaceable, non-renewable cultural resources.

With depth of deposit and feature/strata information provided by GPR, the standards described in the section below are used by the Principal Investigator to establish site significance. GPR data reflecting the buried potential of the resource coupled with the Principal Investigator's surface evaluation of the site results in the determination whether a particular site is a significant resource, i.e., whether it satisfies one or more of the criteria established in Title 36 CFR 60 as explained below. The Principal Investigator then develops one or more mitigation actions as recommendations that can aid federal and state cultural resource administrators in facilitating the preservation of any given significant resource which may be situated within the potential development zone.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or*
- b. that are associated with the lives of persons significant in our past; or*
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or*
- d. that have yielded, or may be likely to yield, information important in prehistory or history.*

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

Results of the Inventory

No newly identified prehistoric cultural resource activity loci were observed and recorded during the archaeological evaluations.

No previously identified and recorded significant or National Register sites were noted during the survey; Balcron's proposed development of these 13 well locations will not have any adverse effect on existing known cultural resources situated in this locality.

No diagnostic isolated artifacts were observed or recorded during the evaluation.

No paleontological loci of significance were identified during the evaluations.

CONCLUSION AND RECOMMENDATIONS

No known significant cultural resources will be adversely impacted during the development and operation of the 13 proposed Balcron Oil Division well locations and access routes as identified in this report.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Division relative to the development of these proposed wells and access routes based upon adherence to the following stipulations:

1. all vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways;
2. all personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area; and
3. the authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



F. Richard Hauck, Ph.D.
President and Principal Investigator

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- 1982 Cultural Resource Inventory of Five Proposed Well Locations and Access Roads in the Eightmile Flat and Castle Peak Localities of Uintah and Duchesne Counties, Utah. Report Prepared for Diamond Shamrock, DS-82-5, Archaeological-Environmental Research Corporation, Bountiful.
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- 1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation, Bountiful.

- 1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation, Bountiful.
- 1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation, Bountiful.
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- 1993b Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-5, Archaeological-Environmental Research Corporation, Bountiful.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102

DEC 15 1995

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

SW NE Section 22, T8S, R17E

1980' FNL, 1980' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

From Myton, Utah, approximately 12.6 miles SW

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

6,400'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 5120'

22. APPROX. DATE WORK WILL START*

March 1, 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached. As operator, we hereby request that the status of this well be held tight in accordance with Federal and State regulations.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Chapman

TITLE

Regulatory and
Environmental Specialist

DATE

December 14, 1995

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

ASSISTANT DISTRICT
MANAGER MINING

DATE

FEB 21 1996

NOTICE OF

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 32-22-8-17

API Number: 43-013-31586

Lease Number: U-67845

Location: SWNE Sec. 22 T. 8S R. 17E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the top of the Mahogany oil shale, identified at \pm 2646 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to \pm 2646 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals or notifications are necessary, please contact one of the following individuals:

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PLAN OF OPERATION
Conditions of Approval (COAs)

Methods for Handling Waste Material and Disposal

The reserve pit will be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit wall and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

February 20, 1996

Equitable Resources Energy
1601 Lewis Avenue
Billings, Montana 59102

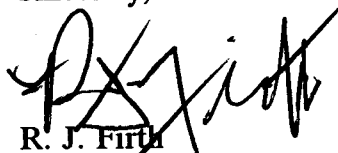
Re: Monument Federal #32-22-8-17 Well, 1980' FNL, 1980' FEL, SW NE, Sec. 22,
T. 8 S., R. 17 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31586.

Sincerely,


R. J. Firth
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

WAPD



Operator: Equitable Resources Energy
Well Name & Number: Monument Federal #32-22-8-17
API Number: 43-013-31586
Lease: U-67845
Location: SW NE Sec. 22 T. 8 S. R. 17 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well:
Footages: See attached listing

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:
See attached listing

6. If Indian, Allottee or Tribe Name:
n/a

7. Unit Agreement Name:
See attached listing

8. Well Name and Number:
See attached listing

9. API Well Number:
See attached listing

10. Field and Pool, or Wildcat:
See attached listing

County: See attached list

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

13.

Name & Signature:

Bobbie Schuman
Bobbie Schuman

Regulatory and

Title: Environmental Specialist Date: March 27, 1996

(This space for State use only)



**EQUITABLE RESOURCES
ENERGY COMPANY**

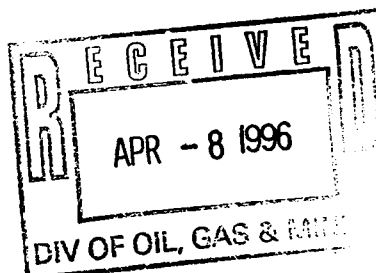
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator **XXX Operator Name Change Only**

Routing:

1	LE 7-SJ
2	DE 58-FILE
3	VLD (GIL)
4	RJE
5	LE
6	FILM

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	EQUITABLE RESOURCES ENERGY COEROM (former operator)	EQUITABLE RESOURCES ENERGY CO	
(address)	1601 LEWIS AVE	(address) BALCRON OIL DIVISION	
	BILLINGS MT 59102-4126	1601 LEWIS AVE	
		BILLINGS MT 59102-4126	
phone (406)	259-7860	phone (406)	259-7860
account no.	N9890	account no.	N9890

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>43-013-2586</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 4-4-96 & 4-8-96)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ (4-10-96)
- Yes 6. Cardex file has been updated for each well listed above. (4-11-96)
- Yes 7. Well file labels have been updated for each well listed above. (4-11-96)
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

5578314 (\$80,000) Seleo Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96
- YES 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Bonner - Trust Lands

FILMING

- VB 1. All attachments to this form have been microfilmed. Date: July 30 1997.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/6/04/10 BLM/BIA "Formal approval not necessary"

Record#	OPERATOR	well_name	API_NUMBER	SECTION	TOWNSHIP	RANGE	DATEAPPRVD
1937	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 14-4	43-013-31430	04	09S	16E	12/20/93
2282	EQUITABLE RESOURCES	BALCRON MONUMENT FED 12-14J	43-013-31488	14	09S	16E	03/27/95
2283	EQUITABLE RESOURCES	BALCRON MONUMENT FED 22-14J	43-013-31489	14	09S	16E	03/07/95
2284	EQUITABLE RESOURCES	BALCRON MONUMENT FED 32-14J	43-013-31490	14	09S	16E	03/07/95
2285	EQUITABLE RESOURCES	BALCRON MONUMENT FED 42-14J	43-013-31491	14	09S	16E	04/20/95
2375	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 14-26	43-013-31512	26	08S	16E	04/20/95
2472	EQUITABLE RESOURCES	BALCRON MON FED 11-10-9-17Y	43-013-31534	10	09S	17E	/ /
2609	EQUITABLE RESOURCES	MONUMENT STATE 23-16-9-17B	43-013-31578	16	09S	17E	01/03/96
2613	EQUITABLE RESOURCES	MONUMENT FEDERAL 23-17-9-17B	43-013-31582	17	09S	17E	02/05/96
2614	EQUITABLE RESOURCES	MONUMENT FEDERAL 13-22-8-17Y	43-013-31583	22	08S	17E	02/22/96
→ 2618	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-22-8-17	43-013-31586	22	08S	17E	02/20/96
2619	EQUITABLE RESOURCES	MONUMENT FEDERAL 31-22-8-17	43-013-31587	22	08S	17E	02/20/96
2620	EQUITABLE RESOURCES	MONUMENT FEDERAL 33-22-8-17	43-013-31588	22	08S	17E	03/25/96
2621	EQUITABLE RESOURCES	MONUMENT FEDERAL 33-6-9-16Y	43-013-31589	06	09S	16E	04/15/96
2622	EQUITABLE RESOURCES	MONUMENT FEDERAL 31-10-9-17Y	43-013-31591	10	09S	17E	/ /
2623	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-10-9-17Y	43-013-31592	10	09S	17E	02/22/96
2201	EQUITABLE RESOURCES	ASP FEDERAL 1	43-027-30033	12	16S	19W	04/27/95
2539	EQUITABLE RESOURCES	COBRA FEDERAL 42-35	43-027-30037	35	15S	19W	/ /
1942	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 41-26	43-047-32456	26	08S	17E	12/21/93
2099	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 42-26	43-047-32531	26	08S	17E	06/01/95
2264	EQUITABLE RESOURCES	BALCRON MONUMENT STATE 32-2	43-047-32609	02	09S	17E	12/29/94
2267	EQUITABLE RESOURCES	BALCRON MONUMENT STATE 34-2	43-047-32611	02	09S	17E	12/29/94
2376	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 43-26	43-047-32668	26	08S	17E	05/08/95
2481	EQUITABLE RESOURCES	BALCRON MON FEDERAL 23-24-8-17	43-047-32710	24	08S	17E	02/13/96
2625	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-20-9-18Y	43-047-32725	20	09S	18E	02/06/96
2635	EQUITABLE RESOURCES	MONUMENT FED 41-35-9-18Y	43-047-32727	35	09S	18E	04/15/96
2636	EQUITABLE RESOURCES	MONUMENT FED 44-31-8-18Y	43-047-32728	31	08S	18E	/ /
2637	EQUITABLE RESOURCES	MONUMENT FEDERAL 43-19-9-18Y	43-047-32730	19	09S	18E	02/05/96

OH/Pending Status

UTAH

Getty #7-C	Monument Butte	NE NW	7	9S	17E	Duchesne	UT	Oil	Green River	U-44426	43-013-30961	1129' FNL, 2229' FWL	Vernal	Jonah
Goates Federal #1	Monument Butte	SE SW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096547	43-013-15789	793' FSL, 2088' FWL	Vernal	Jonah
Goates Federal #3	Monument Butte	NW NW	14	9S	16E	Duchesne	UT	Oil	Green River	U-096547	43-013-15791	790' FNL, 790' FWL	Vernal	Jonah
Hendel Federal #1	Pariette Bench	SW SW	9	9S	19E	Uintah	UT	Oil	Green River	U-058149	43-047-20011	560' FSL, 500' FWL	Vernal	Jonah
Hendel Federal #1-17	Pariette Bench	NE NW	17	9S	19E	Uintah	UT	Oil	Green River	U-017991	43-047-30059	660' FNL, 1979' FWL	Vernal	
Hendel Federal #3-17	Pariette Bench	SW NW	17	9S	19E	Uintah	UT	OSI	Green River	U-017991	43-047-30074	1980' FNL, 660' FWL	Vernal	
K. Jorgenson State #16-4	Monument Butte	NE SE	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30572	1984' FSL, 660' FEL		
Maxus Federal #23-8	Monument Butte	NE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31196	1847' FSL, 1947' FWL	Vernal	Beluga
Mocon Federal #44-7	Monument Butte	SE SE	7	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-30666	670' FSL, 663' FEL	Vernal	Beluga
Monument Butte #1-13	Monument Butte	NW SW	1	9S	16E	Duchesne	UT	WVW	Green River	U-18399	43-013-30702	1820' FSL, 685' FWL	Vernal	Jonah
Monument Butte #1-14	Monument Butte	SW SW	1	9S	16E	Duchesne	UT	Oil	Green River	U-18399	43-013-30703	820' FSL, 820' FWL	Vernal	Jonah
Monument Butte #1-23	Monument Butte	NE SW	1	9S	16E	Duchesne	UT	Oil	Green River	U-18399	43-013-30646	1980' FSL, 1980' FWL	Vernal	Jonah
Monument Butte #1-24	Monument Butte	SE SW	1	9S	16E	Duchesne	UT	WVW	Green River	U-18399	43-013-30701	820' FSL, 1950' FWL	Vernal	Jonah
Monument Butte #1-33	Monument Butte	NW SE	1	9S	16E	Duchesne	UT	WVW	Green River	U-52013	43-013-30735	1980' FSL, 1980' FEL	Vernal	Jonah
Monument Butte #1-34	Monument Butte	SW SE	1	9S	16E	Duchesne	UT	Oil	Green River	U-52013	43-013-30736	710' FSL, 1980' FEL	Vernal	Jonah
Monument Butte #1-43	Monument Butte	NE SE	1	9S	16E	Duchesne	UT	Oil	Green River	U-52013	43-013-30734	1980' FSL, 660' FEL	Vernal	Jonah
Monument Federal #11-11-9-17Y	Monument Butte	NW NW	11	9S	17E	Duchesne	UT	PND	Green River	U-65210		656' FNL, 741' FWL	Vernal	
Monument Federal #11-22-9-16Y	Monument Butte	NW NW	22	9S	16E	Duchesne	UT	PND	Green River	U-64379			Vernal	
Monument Federal #12-11-9-17Y	Monument Butte	SW NW	11	9S	17E	Duchesne	UT	PND	Green River	U-65210			Vernal	
Monument Federal #13-22-8-17Y	Monument Butte	NW SW	22	8S	17E	Duchesne	UT	PND	Green River	U-67845		1446' FSL, 863' FWL	Vernal (Private sfc)	
Monument Federal #14-21-9-18Y	8 Mile Flat	SW SW	21	9S	18E	Uintah	UT	PND	Green River	U-68105		700' FSL, 550' FWL	Vernal	
Monument Federal #14-22-8-17	Monument Butte	SW SW	22	8S	17E	Duchesne	UT	PND	Green River	U-67845			Vernal	
Monument Federal #21-23-9-17Y	Monument Butte	NE NW	23	9S	17E	Uintah	UT	PND	Green River	U-68102		773' FNL, 1809' FWL	Vernal	
Monument Federal #22-20-9-16	Monument Butte	SE NW	20	9S	16E	Duchesne	UT	PND	Green River	U-52018				
Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	9S	17E	Duchesne	UT	PND	Green River	UTU-74108		2217' FSL, 2187' FWL	Vernal	Beluga
Monument Federal #23-22-8-17Y	Monument Butte	NE SW	22	8S	17E	Duchesne	UT	PND	Green River	U-67845			Vernal (Private sfc.)	
Monument Federal #24-17-9-16	Monument Butte	SE SW	17	9S	16E	Duchesne	UT	PND	Green River	U-52018			Vernal	
Monument Federal #31-5-9-17	Monument Butte	NW NE	5	9S	17E	Duchesne	UT	PND	Green River	U-74808				
Monument Federal #31-10-9-17Y	Monument Butte	NW NE	10	9S	17E	Duchesne	UT	PND	Green River	U-65210		660' FNL, 1980' FEL	Vernal	
Monument Federal #31-22-8-17	Monument Butte	NW NE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845		1036' FNL, 2338' FEL	Vernal (Private sfc.)	
Monument Federal #32-10-9-17Y	Monument Butte	SW NE	10	9S	17E	Duchesne	UT	PND	Green River	U-65210		1900' FNL, 1980' FEL	Vernal	
Monument Federal #32-20-9-18Y	8 Mile Flat	SW NE	20	9S	18E	Uintah	UT	PND	Green River	U-64917		1980' FNL, 1980' FEL	Vernal	
Monument Federal #33-6-9-16Y	Monument Butte	NW SE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390		1850' FSL, 1850' FEL	Vernal	
Monument Federal #32-22-8-17	Monument Butte	SW NE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845		1980' FNL, 1980' FEL	Vernal (Private sfc.)	
Monument Federal #33-17-9-17B	Monument Butte	NW SE	17	9S	17E	Duchesne	UT	PND	Green River	U-72106		1926' FSL, 2000' FEL	Vernal	Beluga

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW NE Section 22, T8S, R17E
1980' FNL, 1980' FEL

5. Lease Designation and Serial No.

U-67845

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Monument Fed. #33-22-8-1

9. API Well No.

43-013-31586

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other testing variance
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

When running 5-1/2" production casing we will install 5-1/2" pipe rams and are hereby requesting a variance on testing. We request no to test.

ORIGINAL: Bureau of Land Management (Vernal, UT)

COPY: Utah Division of Oil, Gas and Mining

**Accepted by the
Utah Division of
Oil, Gas and Mining**

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

Title

Regulatory Environmental Specialist

Date

May 21, 1996

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
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5. Lease Designation and Serial No.
U-67845

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Monument Fed. #33-22-8-17

9. API Well No.

43-013-31586

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SW NE Section 22, T8S, R17E
1980' FNL, 1980' FEL**

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TYPE OF SUBMISSION

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TYPE OF ACTION

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This well was spud on 5/20/96.

**ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining**

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U-67845

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7. If Unit or CA, Agreement Designation

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Monument Fed. #33-22-8-17

9. API Well No.

43-013-31586

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Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

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- ☒ Notice of Intent
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TYPE OF ACTION

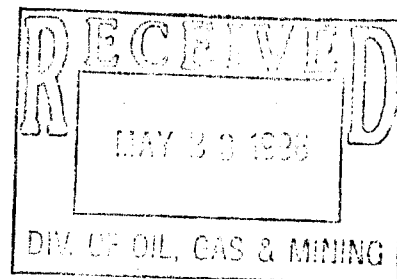
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☐ Plugging Back
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Robbie Schuman

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Monument fed. #33-22-8-17

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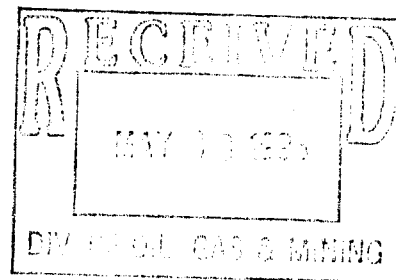
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This well was spud on 5/20/96.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



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Signed

Bobbie Schuman

Title

Regulatory and
Environmental Specialist

Date

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Title

Date

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*See Instruction on Reverse Side

UNITED STATES
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FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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SW NE Section 22, T8S, R17E
1980' FNL & 1980' FEL

5. Lease Designation and Serial No.
U-67845

6. If Indian, Allottee or Tribe Name
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7. If Unit or CA, Agreement Designation
n/a

8. Well Name and No.
Monument Fed. #32-22-8-17

9. API Well No.
43-013-31586

10. Field and Pool, or Exploratory Area
Monument Butte/Green River

11. County or Parish, State
Duchesne County, Utah

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(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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This well spud on 5-20-96.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct

Signed Molly Conrad Title Operations Secretary Date 5-29-96

(This space for Federal or State office use)

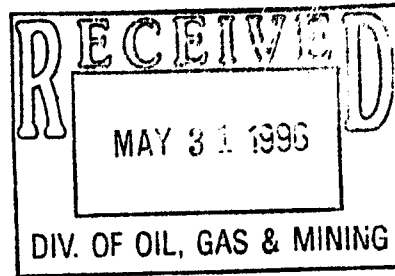
Approved by _____ Title _____ Date _____
Conditions of approval, if any:



EQUITABLE RESOURCES
ENERGY COMPANY

WESTERN REGION

1601 Lewis Avenue
Billings, MT 59102



Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

May 29, 1996

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

CONFIDENTIAL

Gentlemen:

RE: Monument Federal #32-22-8-17
SW NE Section 22, T8S, R17E
Duchesne County, Utah
API #43-013-31586

Attached are two corrected sundries for the subject well. The original sundries submitted had the wrong well number on them. Please withdraw the original sundries submitted and replace with the new ones.

Please feel free to contact me if you require any additional questions.

Sincerely,

Molly Conrad
Operations Secretary

/mc

cc: Bobbie Schuman
State of Utah, Division of Oil, Gas & Mining

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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5. Lease Designation and Serial No.
U-67845

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

8. Well Name and No.

Monument Fed. #32-22-8-17

9. API Well No.

43-013-31586

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259- 7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW NE Section 22, T8S, R17E
1980' FNL & 1980' FEL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
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☐ New Construction
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☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

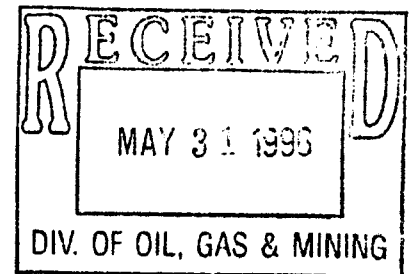
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When running 5-1/2" production casing we will install 5-1/2" pipe rams and are hereby requesting a variance on testing. We request not to test.

Accepted by the
Utah Division of
Oil, Gas & Mining

FOR RECORD ONLY



14. I hereby certify that the foregoing is true and correct

Signed

Molly Conrad

Title

Operations Secretary

Date

5-29-96

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☐

August 5, 1996

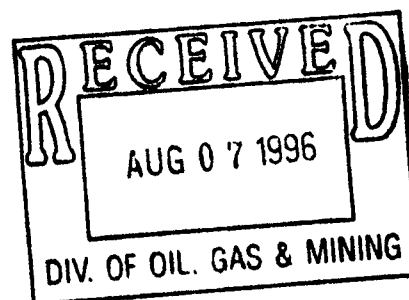
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

Gentlemen:

RE: Monument Federal #32-22-8-17
SW NE Section 22, T8S, R17E
Duchesne County, Utah
API #43-013-31586

Enclosed for your files are the following:

Completion Report
Onshore Order #7
Site Security Diagram
Report of Water Encountered
Daily Operating Reports



Please feel free to contact me if you need any further information.

Sincerely,

Molly Conrad
Molly Conrad
Operations Secretary

/mc

Enclosures

cc: State of Utah, Division of Oil, Gas, & Mining
Isabel - MYCO Industries
Yates Petroleum
Lou Ann Carlson
Valeri Kaae

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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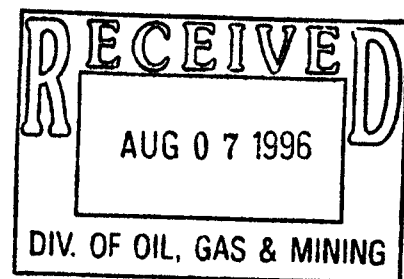
SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-67845
2. Name of Operator Equitable Resources Energy Company	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. 1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860	7. If Unit or CA, Agreement Designation n/a
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SW NE Section 22, T8S, R17E 1980' FNL & 1980' FEL	8. Well Name and No. Monument Fed. #32-22-8-17
	9. API Well No. 43-013-31586
	10. Field and Pool, or Exploratory Area Monument Butte/Green River
	11. County or Parish, State Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Site Security Diagram</u>	<input type="checkbox"/> Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

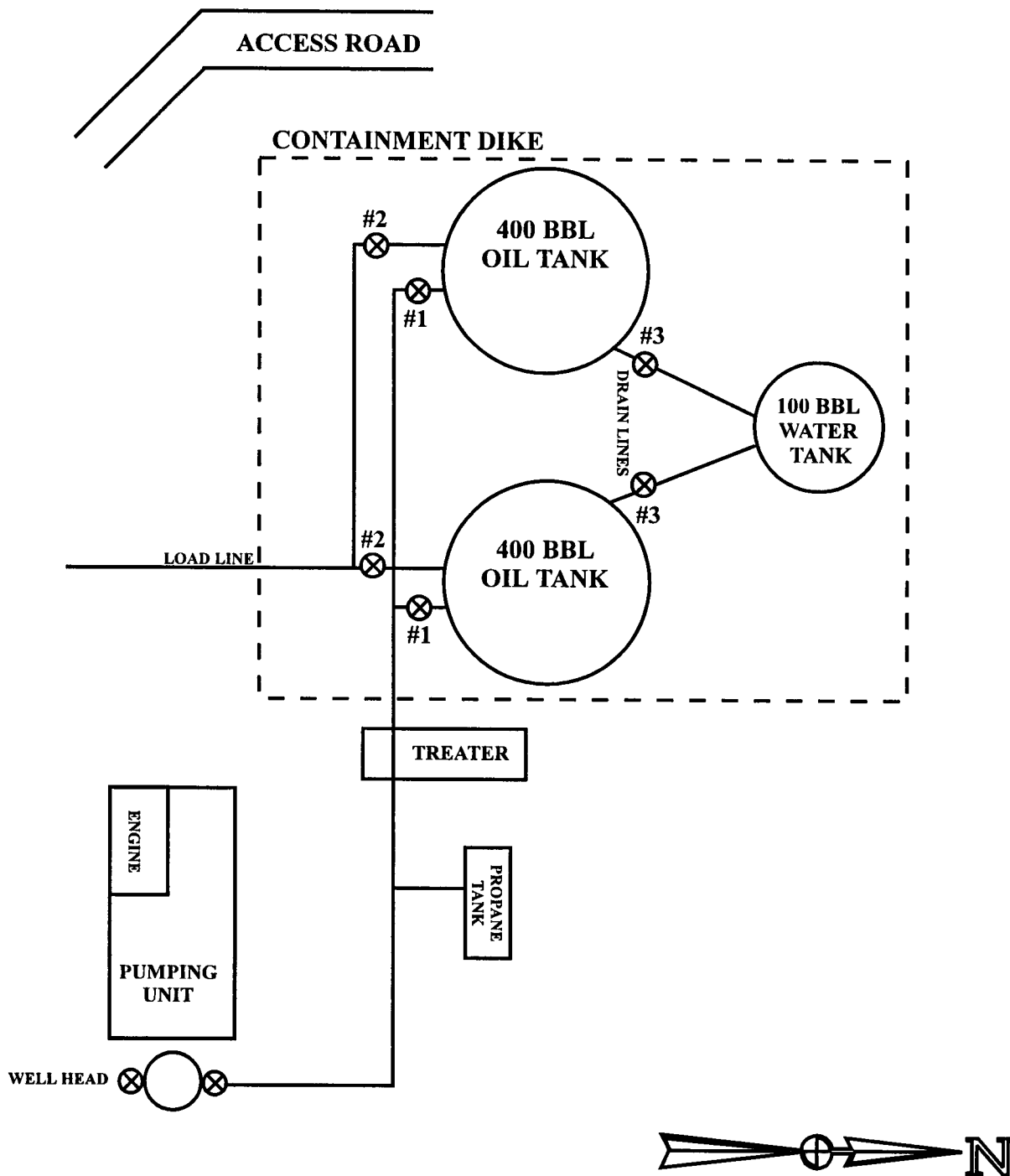
Attached is the Site Security Diagram for this well.



14. I hereby certify that the foregoing is true and correct		
Signed <u>Molly Conrad</u>	Title <u>Operations Secretary</u>	Date <u>8-5-96</u>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval, if any:		

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*See Instruction on Reverse Side



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	OPEN	CLOSED
VALVE #2	CLOSED	OPEN
VALVE #3	CLOSED	CLOSED

DIAGRAM NOT TO SCALE



PLAN LOCATED AT:
**EQUITABLE RESOURCES
ENERGY COMPANY**
WESTERN REGION

1601 Lewis Avenue
Billings, MT 59102
(406) 239-7860

JULY 11, 1996

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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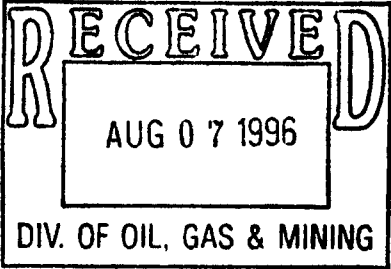
SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-67845
2. Name of Operator Equitable Resources Energy Company	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. 1601 Lewis Avenue, Billings, MT (406) 259-7860	7. If Unit or CA, Agreement Designation n/a
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SWNE Section 22, T8S, R17E 1980' FNL & 1980' FEL	8. Well Name and No. Monument Fed. #32-22-8-17
	9. API Well No. 43-013-31586
	10. Field and Pool, or Exploratory Area Monument Butte/Green River
	11. County or Parish, State Duchesne County, Utah

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TYPE OF SUBMISSION	TYPE OF ACTION	
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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Onshore Order #7</u>	<input type="checkbox"/> Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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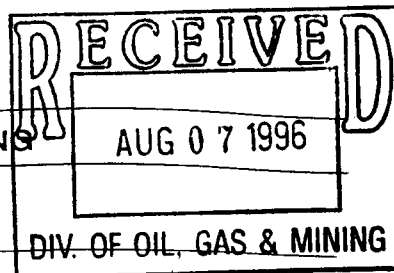
Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location for the Vernal Bureau of Land Management.



14. I hereby certify that the foregoing is true and correct		
Signed <u>Molly Conrad</u>	Title <u>Operations Secretary</u>	Date <u>8-5-96</u>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval, if any:		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Monument Federal #32-22-8-17API number: 43-013-315862. Well Location: QQ SW NE Section 22 Township 8S Range 17E County Duchesne3. Well operator: Equitable Resources Energy CompanyAddress: 1601 Lewis AvenueBillings, MT 59102Phone: (406) 259-78604. Drilling contractor: Union DrillingAddress: Drawer 40Buckhannon, WV 26201Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water encountered during drilling operations.	

6. Formation tops: Please see original completion report.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 8-5-96Name & Signature: Molly Conrad*Molly Conrad*Title: Operations Secretary

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Equitable Resources Energy Co.
ADDRESS 1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

OPERATOR ACCT. NO. N 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	11959	43-013-31586	Monument Fed. #32-22-8-17	SW NE	22	8S	17E	Duchesne	5-20-96	5-20-96
WELL 1 COMMENTS: Spud of a new well. <i>Entity added 8-7-96. Lc</i>											
A	99999	11960	43-013-31644	Monument Fed. #43-6-9-16Y	NESE	6	9S	16E	Duchesne	6-27-96	6-27-96
WELL 2 COMMENTS: Spud of a new well. <i>Entity added 8-7-96. Lc</i>											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)
 A - Establish new entity for new well (single well only)
 B - Add new well to existing entity (group or unit well)
 C - Re-assign well from one existing entity to another existing entity
 D - Re-assign well from one existing entity to a new entity
 E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Molly Conrad
 Signature
Operations Secretary 8-6-96
 Title Date
 Phone No. ()

**EQUITABLE RESOURCES
ENERGY COMPANY****WESTERN REGION**1601 Lewis Avenue
Billings, MT 59102Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☐

August 6, 1996

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

Gentlemen:

RE: Monument Federal #43-6-9-16Y
NE SE Section 6, T9S, R16E
Duchesne County, Utah
API #43-013-31644

This letter is notice that the subject well was spud on 6-27-96. This notice was sent previously, but never reached the State of Utah so is being resent to all.

Please feel free to contact me if you have any questions.

Sincerely,

Molly Conrad
Operations Secretary

/mc

cc: \ Utah Division of Oil, Gas, & Mining: Also enclosed Form 6 Entity Action
Form
Mary Lou Dixon, Uintah Basin Health Dept. - VIA FAX

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

DIV. OF OIL & GAS

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR ☐ Other _____

2. NAME OF OPERATOR
Equitable Resources Energy Company

3. ADDRESS OF OPERATOR
1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980' FNL & 1980' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. 31586 DATE ISSUED 2-20-96
43-013-6845

5. LEASE DESIGNATION AND SERIAL NO.
U-67845

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
n/a

7. UNIT AGREEMENT NAME
n/a

8. FARM OR LEASE NAME
Monument Federal

9. WELL NO.
#32-22-8-17

10. FIELD AND POOL, OR WILDCAT
Monument Butte/Green River

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SW NE Sec. 22, T8S, R17E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

15. DATE SPUDDED 5-20-96 16. DATE T.D. REACHED 5-27-96 17. DATE COMPL. (Ready to prod.) 6-27-96 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5120' GL 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 6400' 21. PLUG, BACK T.D., MD & TVD 6312' 22. IF MULTIPLE COMPL., HOW MANY* n/a 23. INTERVALS DRILLED BY SFC - TD n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4501' - 5460' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CBL/GR DUAL LATEROLOG w/ LINEAR CORRELATION GAMMA RAY 5-29-96
COMPLETION LITHO DENSITY GAMMA RAY MUD LOG 27. WAS WELL CORED No

CASINO SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"		24#	260.90' KB	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"		15.5#	6358.61' KB	7-7/8"	220 sxs Super "G" w/additives	None
					445 sxs 50/50 POZ w/additives	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	5535.70' KB	n/a

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5447' - 5460' (4 SPF)				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4501' - 4509' (4 SPF)				Please see attachment.	
4511' - 4513' (4 SPF)					

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6-27-96		1-1/2" Insert Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-4-96	24	n/a		47.25	N.M.	8	N.M.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	n/a		47.25	N.M.	8	34	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold TEST WITNESSED BY Dale Griffin

35. LIST OF ATTACHMENTS
Section 32.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Molly Conrad TITLE Operations Secretary DATE 8-5-96

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			No DST's run.	Green River Horsebench SS 2nd Garden Gulch Yellow marker Douglas Creek 2nd Douglas Creek Green Marker Black Shale Facies Carbonate Marker	1932' 2787' 4414' 5054' 5229' 5514' 5668' 5972' 6068'	1932' 2787' 4414' 5054' 5229' 5514' 5668' 5972' 6068'

38. GEOLOGIC MARKERS

Attachment to Completion Report
Monument Federal #32-22-8-17
SW NE Section 22, T8S, R17E
Duchesne County, Utah

Interval

Material Used

5447' - 5460'

Break down with 2,646 gallons 2% KCL water. Fracture with
13,000# 16/30 mesh sand with 9,324 gallons 2% KCL gelled water.

4501' - 4513'

Break down with 2,352 gallons 2% KCL water. Fracture with
12,800# 16/30 mesh sand with 9,576 gallons 2% KCL gelled water.

/mc

8-5-96

DAILY OPERATING REPORT

MONUMENT FEDERAL #32-22-8-17

Location: SW NE Section 22, T8S, R17E

Duchesne County, Utah

1980' FNL & 1980' FEL

PTD: 6,400' Formation: Green River

API #43-013-31586

Pariette Draw

Elevations: 5120' GL

Contractor: Union Drilling

Operator: Balcron/EREC

Spud: 5-20-96

Casing: 8-5/8", 24#, J-55 @ 260.90' KB

5-1/2", 15.5#, J-55 @ 6358.61' KB

Tubing: 2-7/8", 6.5#, J-55 @ 5535.70' KB

---TIGHT HOLE---

05/21/96

TD: 280' (280') Day 1

Formation: Sand & Shale

Present Operation: Wait on cement

RU, spud well. Drilled 280' of 12-1/4" hole. Ran 250' of 8-5/8", 24#, J-55 casing as follows:

Shoe	.90'
Shoe Jt	41.80'
Baffle Plate	0.00'
5 jts csg	208.20'
Landing jt	10.00'
Total csg length	250.90'
Depth landed	260.90' KB

Cemented csg as follows: 160 sxs "G" + 2% CaCl + 1/4#/sx cello flake. Plug down @ 12:34 AM.

DC: \$5,040

CC: \$5,040

05/22/96

TD: 1303' (1023') Day 2

Formation: Sand & Shale

Present Operation: Drilling 7-7/8" hole

Last 24 hours: Wait on cement, NU, drill plug & shoe, drill 1023' of 7-7/8" hole. Ran two surveys.

DC: \$18,414

CC: \$23,454

05/23/96

TD: 2890' (1587') Day 3

Formation: Sand & Shale

Present Operation: Drilling 7-7/8" hole

Last 24 hours: Drilled 1587' of 7-7/8" hole w/ air and ran two surveys.

DC: \$28,566

CC: \$52,020

05/24/96

TD: 4315' (1425') Day 4

Formation: Sand & Shale

Present Operation: Drilling 7-7/8" hole

Last 24 hrs operation: Drill 1425' of 7-7/8" hole w/air foam & ran 3 surveys.

DC: \$25,650

CC: \$77,670

DAILY OPERATING REPORT

MONUMENT FEDERAL #32-22-8-17

Location: SW NE Section 22, T8S, R17E
Duchesne County, Utah

---TIGHT HOLE---

05/25/96 TD: 5155' (840') Day 5
MW 8.4 VIS 28
Formation: Sand & Shale
Present Operation: Drilling 7-7/8" hole
Last 24 hrs: Made a bit trip, PU downhole motor and drilled 840' of 7-7/8" hole.
DC: \$15,120 CC: \$92,790

05/26/96 TD: 6140' (985') Day 6
MW 8.4 VIS 28
Formation: Sand & Shale
Present Operation: Drilling 7-7/8" hole
Last 24 hrs: Drilled 985' of 7-7/8" hole w/fluid and ran two surveys.
DC: \$17,730 CC: \$110,520

05/27/96 TD: 6400' (260') Day 7
Formation: Sand & Shale
Present Operation: RU cement trucks
Last 24 hrs: Drilled 260' of 7-7/8" hole, laid down drill pipe & drill collars, reached TD at 1:15 PM, 05/26/96, logged well, ran 6348' of 5-1/2", 15.5#, J-55 csg as follows:

	<u>Length</u>
Shoe	.90'
Shoe jt	43.05'
Float Collar	1.10'
147 jts	6303.56'
Landing jt	10.00'
Total csg length	6348.61'
Depth landed	6358.61' KB
PBTD	6313.56' KB

DC: \$4,680 CC: \$115,200

05/28/96 TD: 6400' Day 8
Present Operation: Shut Down
Last 24 hrs: Cemented 5-1/2" csg as follows: Lead - 220 sxs super "G" + 2#/sx kol seal + 3% salt + 2% gel + 1/4#/sx cello flake. Tail - 445 sxs 50/50 poz + 2% gel + 1/4#/sx cello flake + 2#/sx kol seal. RD & repair rig. Plug down @ 5:30 AM on 05/27/96. Release rig @ 9:30 AM.

06/10/96 Completion
Dress up location, set rig anchors, set tanks & rig pump. MIRU, NU 5M well head, NU BOP. SWIFD.

DAILY OPERATING REPORT

MONUMENT FEDERAL #32-22-8-17

Location: SW NE Section 22, T8S, R17E

Duchesne County, Utah

---TIGHT HOLE---

06/11/96

Completion

TIH w/4-3/4" bit, 5-1/2" csg scrapper & 206 jts 2-7/8" tbg. Tag PBTD @ 6312' KB. Circulate hole clean w/145 bbls 2% KCL wtr. Press test csg to 1000 psi, OK. TOO H w/tbg & tools. RU Cutter Wire Line to run CBL & perf. Run CBL from 6280' KB to 1500' KB. TOC @ 1702' KB. Perf 5447' - 5460', 4 SPF. RD Cutter. TIH w/RBP, retrieving tool, 2-3/8" x 4' sub, HP pkr, 2-7/8" SN & 178 jts 2-7/8" tbg. Set BP @ 5481' KB, set pkr @ 5408' KB, EOT @ 5415' KB. RU BJ Services & break down 5447' - 5460'. Break down w/2646 gals 2% KCL wtr and 104 ball sealers, saw ball action, ball out. ATP = 2550 psi, ATR = 5.8 bpm, ISIP = 1000 psi. Used 63 bbls wtr. RD BJ Services. Flow ack 20 bbls wtr. TOO H w/tbg, pkr & retrieving tool. SWIFD.

DC: \$3,653

CC: \$118,853

06/12/96

Completion

RU BJ Services to frac 5447' - 5460'. Frac w/9324 gals 2% KCL wtr and 13,000 lbs 16/30 sand. ATP = 1700 psi, ATR = 31.3 bpm, ISIP = 1400 psi, 5 min = 1150 psi, 10 min = 1100 psi, 15 min = 1080 psi. Used 222 bbls wtr. RU Cutter Wire Line to set HE BP at 4540' KB. Perf 4501' - 4509' & 4511' - 4513', 4 SPF. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN, & 144 jts 2-7/8" tbg. Set pkr @ 4409' KB. EOT 4416' KB. Flow back 10 bbls wtr. Break down 4501' - 4513' w/2352 gals 2% KCL wtr and 80 ball sealers, saw ball action, no ball off. ATP = 2000, ATR = 5.0 bpm, ISIP = 1200 psi. Used 56 bbls wtr. Flow back 20 bbls wtr. TOO H w/tbg, pkr & retrieving tool. Frac 4501' - 4513' w/9576 gals 2% KCL wtr & 12,800 gals 2% KCL wtr. ATP = 2140 psi, ATR = 31.5 bpm, ISIP = 1650 psi, 5 min = 1200 psi, 10 min = 1190 psi, 15 min = 1160 psi, 30 min = 1100 psi. Start forced closure flow back .5 bpm. Flow back 195 bbls wtr. Tih w/retrieving tool & 146 jts 2-7/8" tbg. Tag sand @ 4460' KB. Circulate down to HE BP. Release BP. POOH w/20 jts tbg. SWIFD.

DC: \$40,854

CC: \$229,707

06/13/96

Completion

Bleed well down. Flow back 60 bbls wtr. TOO H w/tbg & BP. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, SN & 176 jts 2-7/8" tbg. Tag sand at 5390' KB. Circulate down to BP at 5481' KB. Set pkr at 4409' KB. Made 22 swab runs. Recovered 34 bbls oil & 78 bbls wtr. Well started flowing. Release pkr. Tag sand at 5465' KB. Circulate down to BP at 5481' KB. Release BP. TOO H w/tbg, pkr & BP. SWIFD.

DC: \$2,778

CC: \$232,485

DAILY OPERATING REPORT

MONUMENT FEDERAL #32-22-8-17

Location: SW NE Section 22, T8S, R17E

Duchesne County, Utah

---TIGHT HOLE---

06/14/96

Completion

TIH w/tbg production string as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 - Notched-pinned collar	.40'	5535.70'
1 - jt 2-7/8" EUE J-55 8rd 6.5#	28.41'	5535.30'
1 - perf sub 2-7/8" x 4'	4.20'	5506.89'
1 - SN 2-7/8"	1.10'	5502.69'
33 - jts 2-7/8" EUE J-55 8rd 6.5#	1023.80'	5501.59'
1 - tbg anchor 2-7/8" x 5-1/2" (TRICO)	2.75'	4477.79'
146 - jts 2-7/8" EUE J-55 8rd 6.5#	4465.04'	4475.04'
KB	10.00'	

ND BOP, DN 5M well head, NU 3M well head. Set tbg anchor w/12" tension. Flange up well head. TIH w/production string (rods) as follows:

- 1 - DHP 2-1/2" x 1-1/2" x 16' RWAC w/SM plunger (TRICO #1173)
- 1 - 7/8" x 2' pony w/2-1/2" guide
- 1 - 1-1/2" 25' K-bar
- 1 - 7/8" x 2' pony w/2" guide
- 218 - 3/4" x 25' D-54 plain
- 1 - 3/4" x 8' pony
- 1 - 3/4" x 4' pony

Press test tbg & DHP to 1000 psi, OK. RDMO.

DC: \$22,649

CC: \$255,134

06/27/96

Completion

Start well pumping @ 5:00 PM. 3-1/2 SPM, 89" stroke.

DC: \$29,734

CC: \$284,868

API Suite

Texaco E & P, Inc.

Project ID: NA
 Sample ID: Federal 26 - 2
 Laboratory ID: 4341
 Sample Matrix: Water

Date Reported: 07/29/96
 Date Sampled: 07/11/96
 Time Sampled: NA
 Date Received: 07/17/96

Parameter		Analytical Result	Units
General	Lab pH.....	8.0	s.u.
	Lab Conductivity @ 25° C.....	19,100	µmhos/cm
	Total Dissolved Solids @ 180°C.....	12,800	mg/L
	Total Dissolved Solids (Calc).....	12,300	mg/L
	Specific Gravity.....	1.014	***
Anions	Total Alkalinity as CaCO ₃	6,590	mg/L
	Bicarbonate Alkalinity as CaCO ₃	6,590	mg/L
	Carbonate Alkalinity as CaCO ₃	NA	mg/L
	Hydroxide Alkalinity as CaCO ₃	NA	mg/L
	Chloride.....	3,010	mg/L
	Sulfate.....	< 10.0	mg/L
	Nitrate + Nitrite - N.....	NA	
	Nitrate - N.....	NA	
Cations	Nitrite - N.....	NA	
	Total Hardness as CaCO ₃	104	mg/L
	Calcium.....	17.9	mg/L
	Magnesium.....	14.5	mg/L
	Potassium.....	27	mg/L
	Sodium.....	5,300	mg/L
	Iron.....	2.69	mg/L
Data Validation			<u>Acceptance Level</u>
Cation/Anion Difference.....		3.69	+/- 5 %
TDS (180):TDS (calculated).....		1.0	1.0 - 1.2

Reference U.S.E.P.A. 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, 1983.
Standard Methods For The Examination Of Water And Wastewater, 18th ed., 1992.


 Review

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: CHANDLER & ASSO.	Well Name: GRIMES WASH FEDERAL
Project ID: 43-015-30258	Location: SEC. 10 - T18S - R07E

Design Parameters:

Mud weight (4.93 ppg) : 0.256 psi/ft
 Shut in surface pressure : 907 psi
 Internal gradient (burst) : 0.024 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	3,900	5.500	15.50	K-55	ST&C	3,900	4.825	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)	
1	999	4040	4.044	999	4810	4.81	60.45	222 3.67 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 10-10-1995
 Remarks :

Minimum segment length for the 3,900 foot well is 1,500 feet.
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas
 temperature of 101°F (Surface 74°F , BHT 129°F & temp. gradient 1.400°/100 ft.)
 String type: Production
 The mud gradient and bottom hole pressures (for burst) are 0.256 psi/ft and
 999 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general
 guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with
 evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension,
 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension
 was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility
 for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company
ADDRESS P.O. Box 1446
Roosevelt, Utah 84066

OPERATOR ACCT. NO. "5160


ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11984	43-013-31653	Mon. Butte Federal NE #13-24	SWSW	24	8S	16E	Duchesne	8/26/96	8/26/96
WELL 1 COMMENTS: Entity added 828-96. Lc											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

13-891


Signature Cheryl Cameron
Regulatory Compliance Spec. : 8/28/96
Title _____ Date _____
Phone No. (801) 722-5103



August 28, 1996

*State of Utah
Division of Oil, Gas & Mining
P.O. Box 145801
1594 West North Temple Suite 1210
Salt Lake City Utah 84114-5801*

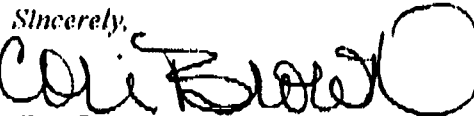
ATTENTION: Lisha Cordova

**RE: Monument Butte Federal #13-24
SW/SW Sec. 24, T8S, R16E
Duchesne County, Utah**

Dear Lisha,

*I am faxing Entity Action Form - 6, for the new Entity No., on the above
referenced locations.*

*Please call me or Cheryl, at your convenience, with the new numbers at
(801) 722-5103.*

Sincerely,

Cori Brown
Secretary

*/ch
Enclosure*

Inland Production Company Field Office • P.O. Box 1446 • Roosevelt, UT 84066 • 801-722-5103 • FAX 801-722-9149

475 Seventeenth Street, Suite 1500, Denver, CO 80202 • 303-292-0900 • FAX 303-296-4070

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 - 17th Street, Suite 1500, Denver, CO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached Exhibit

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

See Attached

7. If Unit or CA, Agreement Designation

See Attached

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, or Exploratory Area

See Attached

11. County or Parish, State

See Attached

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was:

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by The Hartford Insurance Group.

14. I hereby certify that the foregoing is true and correct

Signed

CHRIS A. POTTER, ATTORNEY-IN-FACT

Title

Date

9/30/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 11 of 14

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S
 EQUITABLE RESOURCES ENERGY
 PO BOX 577
 LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 9 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FEDERAL 41-18-9-16Y								
4301331646	11941	09S 16E 18	GRRV			u 74390		
MONUMENT FEDERAL 13-22-8-17Y								
4301331583	11942	08S 17E 22	GRRV			u 67845		
MONUMENT FEDERAL 42-6-9-16Y								
4301331645	11947	09S 16E 6	GRRV			u 74390		
MONUMENT FEDERAL 32-22-8-17								
4301331586	11959	08S 17E 22	GRRV			u 67845		
MONUMENT FEDERAL 43-6-9-16Y								
4301331644	11960	09S 16E 6	GRRV			u 74390		
MONUMENT FEDERAL 22-20-9-16								
4301331681	11961	09S 16E 20	GRRV			u 52018		
CRON MONUMENT FEDERAL 14-4								
4301331666	11965	09S 16E 4	GRRV			u 034217A		
MONUMENT FEDERAL 11-22-9-16Y								
4301331647	11986	09S 16E 22	GRRV			u 64379		
MONUMENT FEDERAL 31-5-9-17								
4301331680	11987	09S 17E 5	GRRV			u 74808		
MONUMENT FEDERAL 24-17-9-16								
4301331682	11994	09S 16E 17	GRRV			u 52018		
MONUMENT STATE 11-2-9-17CD								
4301331685	11995	09S 17E 2	GRRV			ml 45555		
MONUMENT STATE 32-2								
4304732737	12000	09S 17E 2	GRRV			"		
MONUMENT FEDERAL 23-7-9-16Y								
4301331694	12019	09S 16E 7	GRRV			u 74390		
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____



RECEIVED

OCT 10 1997

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

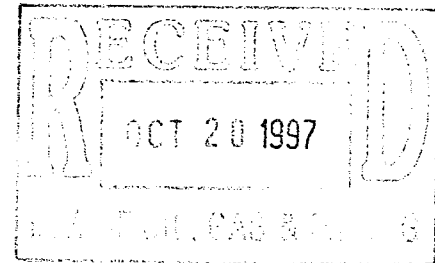
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

Patsy Barreau
Patsy Barreau

/pb
encls.





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

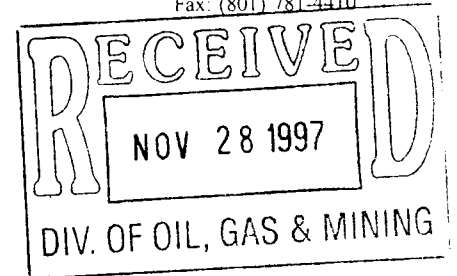
Phone: (801) 781-4400

Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3
UT08438

November 20, 1997



Inland Production Company
475 17th Street, Suite 1500
Denver, CO 80202

Re: Well No. Mon. Fed. 32-22-8-17
SWNE, Sec. 22, T8S, R17E
Lease U-76240
Duchesne County, Utah

43-013-71586

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: ~~Division of Oil, Gas & Mining~~
Equitable Resources Energy Company

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
AMERADA GUINAND #1	SWNW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20245-00	UTU016271V	UTU72085A
✓ COYOTE BASIN #1-12	NESE 128S 24E	UINTAH	UT	COYOTE BASIN	43-047-20221-00	UTU58226	UTU72085A
COYOTE BASIN #32-6	6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-31835-00	UTU020309D	UTU72085A
COYOTE BASIN #42-6X	SENE 6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-32346-00	UTU017439B	UTU72085A
✓ COYOTE BASIN FED. #13-7	NWSW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32255-00	UTU41377	UTU72085A
✓ COYOTE BASIN FEDERAL #12-13	SWNW 138S 24E	UINTA	UT	COYOTE BASIN	43-047-31266-00		UTU72085A
✓ COYOTE BASIN FEDERAL #13-5	NWSW 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32261-00	UTU063597A	UTU72085A
✓ COYOTE BASIN FEDERAL #13-13	NWSW 138S 24E	UINTAH	UT	COYOTE BASIN	43-047-32196-00	UTU67208	UTU72085A
✓ COYOTE BASIN FEDERAL #21-7	NENW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-31673-00	UTU41377	UTU72085A
✓ COYOTE BASIN FEDERAL #22-7	SENE 7 9S 25E	UINTAH	UT	COYOTE BASIN	43-047-32256-00	UTU41377	UTU72085A
✓ COYOTE BASIN FEDERAL #33-5	NWSE 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32257-00	UTU063597A	UTU72085A
✓ COYOTE BASIN FEDERAL #43-12	NESE 128S 24E	UINTA	UT	COYOTE BASIN	43-047-30943-00	UTU038797	UTU72085A
✓ COYOTE FEDERAL #12-5	SWNW 5 8S 25E	UNITAH	UT	COYOTE BASIN	43-047-32253-00	UTU063597A	UTU72085A
✓ COYOTE FEDERAL #21-5	NENW 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32260-00	UTU063597A	UTU72085A
✓ COYOTE FEDERAL #31-7	NWNE 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32254-00	UTU020309D	UTU72085A
✓ EAST RED WASH #2-5	NWNW 5 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20252-00	UTU063597A	UTU72085A
✓ EAST RED WASH FED. #1-12	SWNE 128S 24E	UINTA	UT	COYOTE BASIN	43-047-20207-00	UTU038797	UTU72085A
✓ EAST RED WASH FED. #4-6	SWSE 6 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20261-00	UTU020309D	UTU72085A
✓ EAST RED WASH FEDERA #1-13	NENW 138S 24E	UINTA	UT	COYOTE BASIN	43-047-20222-00	UTU018073	UTU72085A
✓ EAST RED WASH FEDERA #1-5	SENE 5 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20174-00	UTU063597A	UTU72085A
✓ EAST RED WASH FEDERA #1-6	NESE 6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20208-00	UTU017439B	UTU72085A
✓ FEDERAL #14-4	SWSW 4 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-15678-00	UTU41376	UTU72085A
✓ TXO FEDERAL #2	SENE 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-31567-00	UTU41376	UTU72085A
✓ TXO FEDERAL #1	SWNE 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-31406-00	UTU41376	UTU72085A
✓ BALCRON FEDERAL #12-20Y	SWNW 209S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32617-00	UTU64917	
✓ BALCRON FEDERAL #31-19Y	NWNE 199S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32614-00	UTU65635	
✓ BALCRON FEDERAL #32-19Y	SW NE 199S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32615-00	UTU65635	
✓ BALCRON FEDERAL #42-19Y	SENE 199S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32616-00	UTU65635	
✓ BALCRON FEDERAL #31-5Y	NWNE 5 9S 18E	UINTAH	UT	EIGHT MILE FLAT (U)	43-047-32503-00	UTU65970	
✓ BALCRON FEDERAL #11-22Y	NW NW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31539-00	UTU66191	
✓ BALCRON FEDERAL #12-22Y	SWNW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31476-00	UTU66191	
✓ BALCRON FEDERAL #22-22Y	SE NW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31538-00	UTU76240	
✓ FEDERAL #1-26	NENW 268S 17E	UINTAH	UT	MONUMENT BUTTE (22)	43-047-31953-00	UTU76240	
✓ MONUMENT FEDERAL #13-22Y	NW SW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31583-00	UTU76240	
✓ MONUMENT FEDERAL #23-22-8-17	NESW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31702-00	UTU76240	
✓ MONUMENT FEDERAL #31-22	NW NE 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31587-00	UTU76240	
✓ MONUMENT FEDERAL #32-22-8-17	SW NE 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31586-00	UTU76240	
✓ MONUMENT FEDERAL #33-22-8-17	NWSE 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31588-00	UTU76240	
✓ BALCRON FEDERAL #11-20Y	NW NW 209S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32712-00	UTU64917	



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

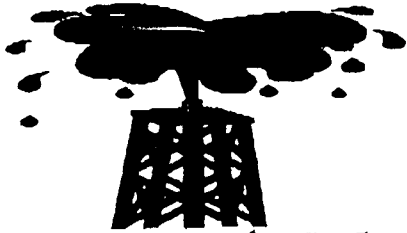
Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: Lisha
St of Utah.

FROM: Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE: Here is the letter you requested.
Call if you need anything
further.

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-MEC	6-MEC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES COMPANY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 577</u>
	<u>ROOSEVELT UT 84066</u>		<u>LAUREL MT 59044</u>
			<u>C/O CRAZY MTN O&G</u>
Phone:	<u>(801) 722-5103</u>	Phone:	<u>(406) 628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-013-31586</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Rec'd 12-10-97)*
2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Rec'd 10-20-97)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: _____
4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(12-2-97)*
6. Cardex file has been updated for each well listed above. *(12-3-97)*
7. Well file labels have been updated for each well listed above. *(12-3-97)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(12-3-97)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- JEC 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A JEC 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A DTJ 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 12/5/97 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- VB 1. All attachments to this form have been microfilmed. Today's date: 1.7.98.

FILING

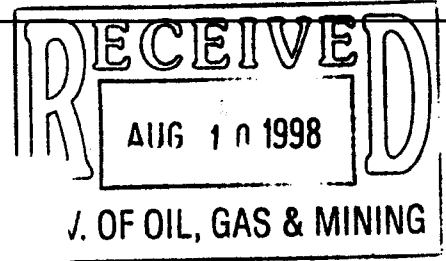
1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

971202 Blm/Vernal Aprv. Nov. 10, 13 & 20, 1997.



RESOURCES INC.



July 31, 1998

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Monument Federal #32-22, Proposed Canvasback Unit
Monument Butte Field, Lease #U-77233
Section 22-Township 8S-Range 17E
Duchesne County, Utah

Dear Mr. Jarvis:

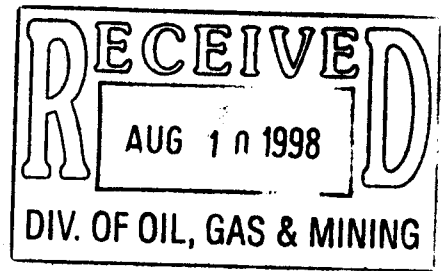
Inland Production Company herein requests approval to convert the Monument Federal #32-22 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Proposed Canvasback Unit.

Please note that the water analysis submitted with this application is that of a nearby well, the Boundary Federal #9-21.

Should you have any questions or require additional information, please contact me at (303) 382-4434.

Sincerely,

Debbie E. Knight
Manager, Regulatory Compliance



INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
MONUMENT FEDERAL #32-22
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
CANVASBACK UNIT
LEASE #U-77233
JULY 31, 1998

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WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
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ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
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ATTACHMENT E-1	WELLBORE DIAGRAM – PARIETTE DRAW #8-22
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ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORT DATED 6-12-96
ATTACHMENT G-2	FRACTURE REPORT DATED 6-12-96
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUGGING AND ABANDONMENT
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

APPLICATION FOR INJECTION WELL - UIC FORM 1

Well Name and number:		Monument Federal #32-22	
Field or Unit name:		Canvasback Unit (Green River)	Lease No. U-77233
Well Location: QQ		NWSE section 22 township 8S range 17E	county Duchesne
Is this application for expansion of an existing project? Yes [X] No []			
Will the proposed well be used for:		Enhanced Recovery? Yes [X] No []	
		Disposal? Yes [] No [X]	
		Storage? Yes [] No [X]	
Is this application for a new well to be drilled? Yes [] No [X]			
If this application is for an existing well,			
has a casing test been performed on the well?..... Yes [X] No []			
Date of test:		6/11/96	
API number:		43-013-31580	
Proposed injection interval: from 4501' to 5460'			
Proposed maximum injectic n: rate		500 bpd	pressure 1388 psig
Proposed injection zone contains [X] oil, [] gas, and/or [] fresh water within 1/2 mile of the well.			
IMPORTANT: Additional information as required by R615-5-2 should accompany this form.			
List of Attachments: Exhibits "A" through "G"			
I certify that this report is true and complete to the best of my knowledge.			
Name:		John E. Dyer	Signature
Title		Chief Operating Officer	Date 7/30/98
Phone No.		(303) 292-0900	
(State use only)			
Application approved by		Title	
Approval Date			

Comments:



Elev.GR - 5120' GL
Elev.KB - 5130' (10' KB)

MONUMENT FED. #32-22-8-17
SW NE Sec. 22, T8S R17E
1980' FNL, 1980' FEL
Lease #U67845
Monument Butte Field (Pariette Draw Area)
Duchesne County, Utah

PROPOSED INJECTION WELLBORE DIAGRAM

DATE : 7/24/96 DZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 250 ft
DEPTH LANDED:
HOLE SIZE: 12-1/4"
CEMENT DATA:

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 6348.61'
DEPTH LANDED: 6358.61' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: BJ Services: 220 sks
Super "G", 2#/sk KOL-Seal
3% salt, 2% gel, 1/4#/sk
Cello-Flake. Tail w/
445 sks 50/50 POZ, 2% gel
1/4#/sk Cello-Flake
2#/sk Kol-Seal.

CEMENT TOP AT: 1702' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" 8rd EUE/J-55/6.5#
NO. OF JOINTS: 146 Jts (4465.04')
PACKER AT: 4450'
NO. OF JOINTS: 33 Jts (1023.80')

PERFORATED SUB: 2-7/8"x4.20'
MUD ANCHOR: 2-7/8"x28.41'
STRING LENGTH: 5525.70'

ACID JOB /BREAKDOWN

6/11/96 5447'-5460' BJ Services: 2646 gals
2% KCL wtr & 104 ball
sealers. Balled out. ATP=
2550 psi, ATR=5.8 bpm,
ISIP=1000 psi.

6/12/96 4501'-4509' BJ Services: 2352 gal 2%
4511'-4513' KCL wtr w/ 80 ball sealers.
Ball action but no ball out.
ATP=2000 psi, ATR=5.0
bpm, ISIP=1200 psi.

FRAC JOB

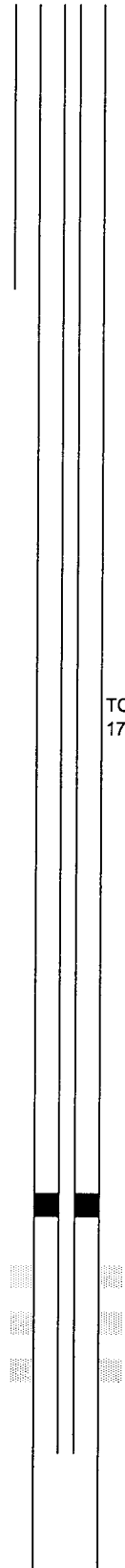
6/12/96 5447'-5460' BJ Services: 9324 gal 2%
KCL wtr & 13,000# 16/30
sand. ATP=1700 psi, ATR=
31.3 bpm, ISIP=1400 psi,
5 min=1150 psi, 10 min=
1100 psi, 15 min=1080 psi.

6/12/96 4501'-4509' BJ Services: 9576 gal 2%
4511'-4513' KCL wtr w/ 12,800# 16/30
sand. ATP=2140 psi,
ATR=31.5 bpm, ISIP=
1650 psi, 5 min=1200 psi,
10 min=1190 psi, 15 min=
1160 psi, 30 min=1100 psi.

PERFORATION RECORD

6/11/96 Cutter 5447'-5460' 4 SPF

6/12/96 Cutter 4501'-4509' 4 SPF
4511'-4513' 4 SPF



TOC @
1702'

Packer @ 4450'

4501'-4509'

4511'-4513'

5447'-5460'

EOT LANDED @ 5535.70' KB

PBTD @ 6312' KB
TD @ 6400' KB

WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.**
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.**
- 3. Test casing and packer.**
- 4. Rig down, move out.**

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 The name and address of the operator of the project.**

Inland Production Company
410 17th Street, Suite 700
Denver, Colorado 80202

- 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A

- 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Monument Federal #32-22 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Canvasback Unit.

A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

- 2.4 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Douglas Creek Member of the Green River Formation. At the Monument Federal #32-22 well, the proposed injection zone is from 4501'-5460'. The confining stratum directly above and below the injection zone is the Douglas Creek Member of the Green River Formation, with the Douglas Creek Marker top at 4501'.

- 2.5 A copy of a log of a representative well completed in the pool.**

The referenced log for the Monument Federal #32-22 is on file with the Utah Division of Oil, Gas and Mining.

- 2.6 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.7 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.8 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.9 Any additional information the Board may determine is necessary to adequately review the petition.**

Inland Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #U-77233), in the Monument Butte (Green River) Field, Canvasback Unit, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachment A and B.
 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 260.90' GL, and the 5-1/2" casing run from surface to 6358.61' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The type and source of fluid to be injected is culinary water from the Johnson Water District supply line. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F, F-1, and F-2.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1388 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The fracture gradient for the Monument Federal #32-22, for proposed zones (4501' – 5460') calculates at .69 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1388 psig. See Attachment G through G-2.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Monument Federal #32-22, the injection zone (4501'-5460') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31', and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-7.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

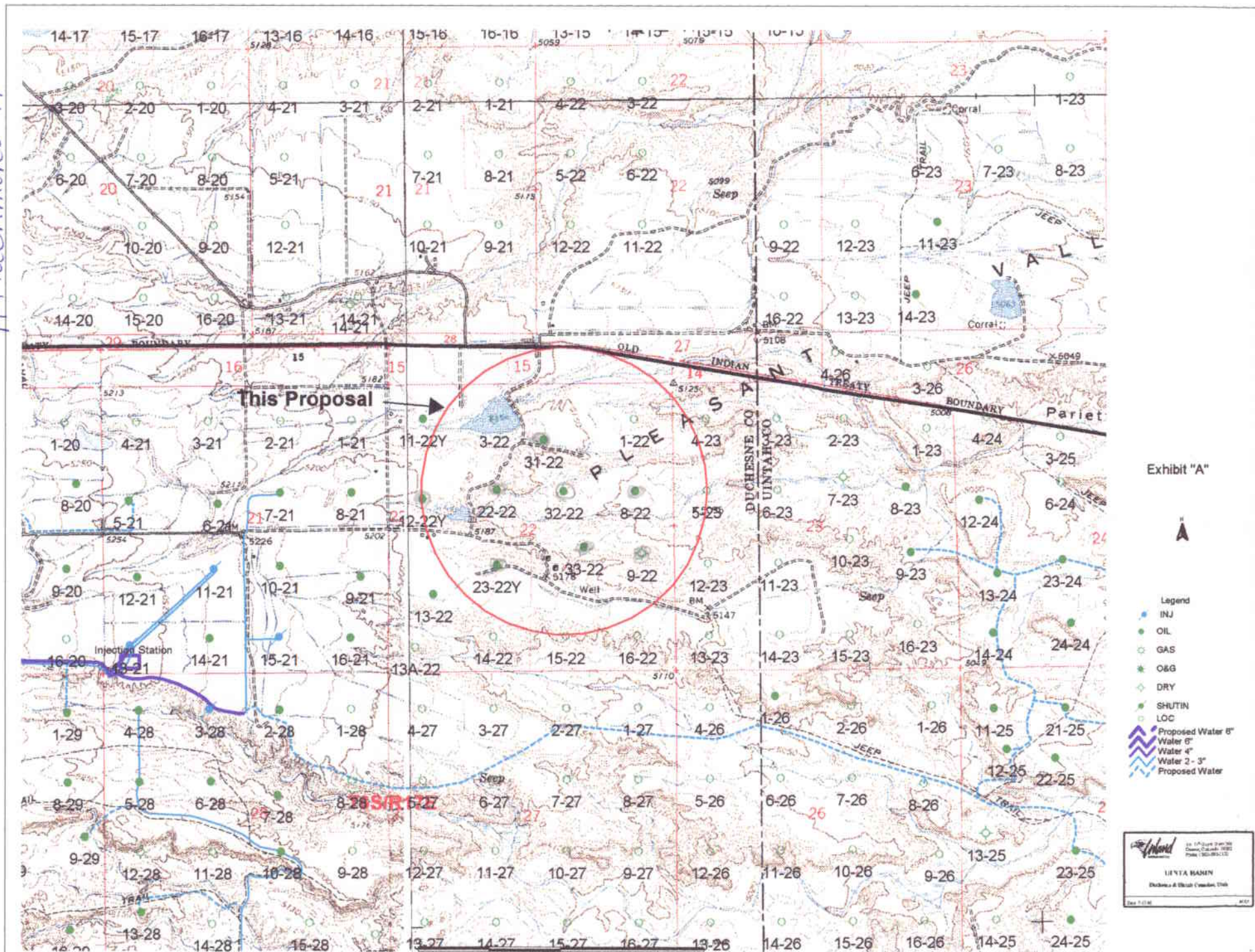
2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

Inland Production Company will supply any requested information to the Board or Division.

Attachment A



T8S, R17E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, FEDERAL #32-22-8-17,
LOCATED AS SHOWN IN THE SW 1/4 NE 1/4
OF SECTION 22, T8S, R17E, S.L.B.&M.
DUCHESNE COUNTY, UTAH.

EXHIBIT "K"

N0°02'W (G.L.O.)

N89°51'W - 79.96 (G.L.O.)

1980.0'

1980.0'

N0°00'58"W - 2640.10' (Measured)

22

WELL LOCATION:
FEDERAL #32-22-8-17
ELEV. UNGRADED GROUND = 5120.1'

N0°01'W (G.L.O.) Basis of Bearings
2644.77' - Measured

N89°58'W - 80.00 (G.L.O.)



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.

Gene Stewart
REGISTERED LAND SURVEYOR
REGISTRATION NO. 144102
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: S.S.
DATE: 10-12-95	WEATHER: FAIR
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED
BASIS OF BEARINGS; G.L.O. DATED 1910.
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

Attachment A-1

EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	Township 8 South, Range 17 East Section 14: All Section 15: All Section 22: W/2NW/4	U-66191 HBP	Inland Production Company Yates Petroleum Corporation ABO Petroluem Corporation Yates Drilling Company Myco Industries	(Surface Rights) USA
2	Township 8 South, Range 17 East Section 22: NE/4, E/2NW/4, S/2	U-77233 HBP	Inland Production Company	(Surface Rights) USA
3	Township 8 South, Range 17 East Section 23: Lots 2-4, SW/4NE/4 S/2NW/4, SW/4, W/2SE/4	U-76239 HBP	Inland Production Company Wendy Wolf Kaufman	(Surface Rights) USA

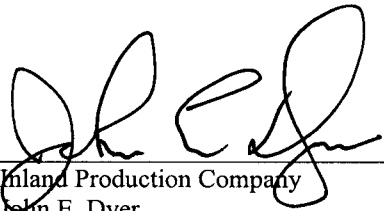
ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Monument Federal #32-22

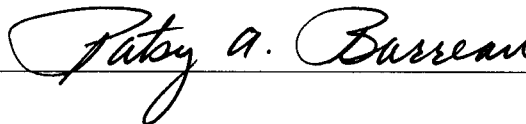
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____


Inland Production Company
John E. Dyer
Chief Operating Officer

Sworn to and subscribed before me this 31st day of July, 1998.

Notary Public in and for the State of Colorado: _____





My Commission Expires 11/14/2000



Elev.GR - 5120' GL
Elev.KB - 5130' (10' KB)

WELLBORE DIAGRAM

DATE : 7/24/96 DZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 250 ft
DEPTH LANDED:
HOLE SIZE: 12-1/4"
CEMENT DATA:

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 6348.61'
DEPTH LANDED: 6358.61' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: BJ Services: 220 sks
Super "G", 2#/sk KOL-Seal
3% salt, 2% gel, 1/4#/sk
Cello-Flake. Tail w/
445 sks 50/50 POZ, 2% gel
1/4#/sk Cello-Flake
2#/sk Kol-Seal.

CEMENT TOP AT: 1702' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" 8rd EUE/J-55/6.5#
NO. OF JOINTS: 146 Jts (4465.04')
TUBING ANCHOR: 2-7/8"x5-1/2"x2.75'
NO. OF JOINTS: 33 Jts (1023.80')
SEATING NIPPLE: 2-7/8"x1.10'
PERFORATED SUB: 2-7/8"x4.20'
MUD ANCHOR: 2-7/8"x28.41'
STRING LENGTH: 5525.70'
SN LANDED AT: 5501.59' KB

SUCKER RODS

POLISHED ROD: 1-1/4"x22' SM
SUCKER RODS: 1-3/4"x4' Pony
1-3/4"x8' Pony
218-3/4"x25' D-54 Plain
1-7/8"x2' Pony w/2.5" guide
1-1/1/2"x25' K-Bar
1-7/8"x2' Pony w/2.5" guide

TOTAL STRING LENGTH: 5513'

PUMP NUMBER: Trico #1173
PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC
w/ SM Plunger.
STROKE LENGTH: 89 inches
PUMP SPEED, SPM: 3-1/2 SPM
PUMPING UNIT: American 320-213-120
PRIME MOVER: Ajax E-42

LOGS: CBL/GR

MONUMENT FEDERAL # 3-17
SW NE Sec. 22, T8S R17E
1980' FNL, 1980' FEL
Lease #U67845
Monument Butte Field (Pariette Draw Area)
Duchesne County, Utah

Attachment E

ACID JOB /BREAKDOWN

6/11/96	5447'-5460'	BJ Services: 2646 gals 2% KCL wtr & 104 ball sealers. Balled out. ATP= 2550 psi, ATR=5.8 bpm, ISIP=1000 psi.
6/12/96	4501'-4509' 4511'-4513'	BJ Services: 2352 gal 2% KCL wtr w/ 80 ball sealers. Ball action but no ball out. ATP=2000 psi, ATR=5.0 bpm, ISIP=1200 psi.

FRAC JOB

6/12/96	5447'-5460'	BJ Services: 9324 gal 2% KCL wtr & 13,000# 16/30 sand. ATP=1700 psi, ATR= 31.3 bpm, ISIP=1400 psi, 5 min=1150 psi, 10 min= 1100 psi, 15 min=1080 psi.
6/12/96	4501'-4509' 4511'-4513'	BJ Services: 9576 gal 2% KCL wtr w/ 12,800# 16/30 sand. ATP=2140 psi, ATR=31.5 bpm, ISIP= 1650 psi, 5 min=1200 psi, 10 min=1190 psi, 15 min= 1160 psi, 30 min=1100 psi.

PERFORATION RECORD

6/11/96	Cutter	5447'-5460'	4 SPF
6/12/96	Cutter	4501'-4509' 4511'-4513'	4 SPF 4 SPF

TOC @
1702'

4501'-4509'

4511'-4513'

5447'-5460'

SN LANDED @ 5502' KB
EOT LANDED @ 5535.70' KB

PBTD @ 6312' KB
TD @ 6400' KB

Spud Date: 1-11-98
Put on Production: 2-9-98

Pariette Draw #8-22

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts. (326')
DEPTH LANDED: 336'
HOLE SIZE: 12-1/4"
CEMENT DATA: 140 sx Premium

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 147 jts. (6275')
DEPTH LANDED: 6285'
HOLE SIZE: 7-7/8"
CEMENT DATA: 245 sx Hibond & 280 sx Thixotropic
CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 194 jts
TUBING ANCHOR: 6054'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: ? (EOT @ 6187')
SN LANDED AT: 6150'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 4-11/2" wt rods, 4-3/4" scraped, 141-3/4" plain, 96-3/4" scraped, 1-6", 1-2" x 3/4" pony
PUMP SIZE: 2-1/2" x 1-1/2" x 15-1/2" RHAC
STROKE LENGTH: 74"
PUMP SPEED, SPM: 12 SPM
LOGS: DIGL/SP/GR/CAL 6296'-315'
DSN/SDL/GR 6278'-3000'

FRAC JOB

1-29-98 6075'-6124' Frac CP sand as follows:
120,500# 20/40 sand in 596 bbls Delta.
Perfs broke down @ 3384 psi. Treated
w/avg press of 1860 psi w/avg rate of
28.5 BPM. ISIP-2113 psi, 5 min 1843
psi. Flowback on 12/64" ck for 3-1/2 hrs
& died.

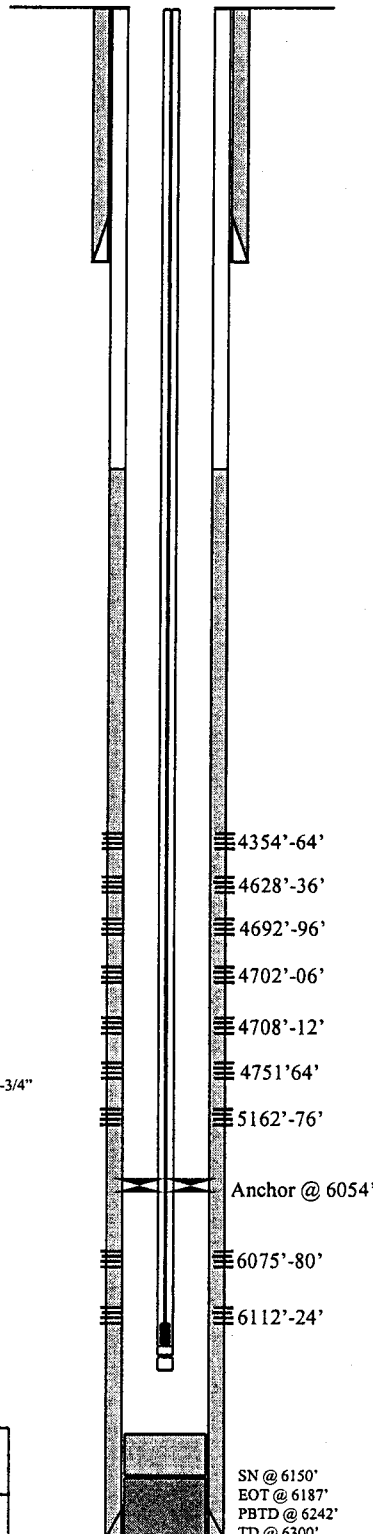
1-31-98 5162'-5176' Frac YDC sand as follows:
120,300# 20/40 sand in 571 bbls Delta.
Perfs broke down @ 1774 psi. Treated
w/avg press of 1800 psi, w/avg rate of 30
BPM. ISIP-2315 psi, 5 min 2170.
Flowback on 12/64" ck for 3-1/2 hrs &
died.

2-4-98 4628'-4764' Frac GB sand as follows:
141,200# 20/40 sand in 632 bbls Delta.
Perfs broke down @ 1107 psi. Treated
w/avg press of 1450 psi, w/avg rate of
35.4 BPM. ISIP-1892 psi, 5 min 1782
psi. Flowback on 12/64" ck for 4 hrs &
died.

2-6-98 4354'-4364' Frac E sand as follows:
20,300# 20/40 sand in 531 bbls Delta.
Perfs broke down @ 2996 psi. Treated
w/avg press of 1500 w/avg rate of 24.4
BPM. ISIP-1702 psi, 5 min 1582 pi.
Flowback on 12/64" ck for 4 hrs & died.

PERFORATION RECORD

1-28-98	6075'-6080'	4 SPF	20 holes
1-28-98	6112'-6124'	4 SPF	48 holes
1-30-98	5162'-5176'	4 SPF	56 holes
2-1-98	4628'-4636'	4 SPF	32 holes
2-1-98	4692'-4696'	4 SPF	16 holes
2-1-98	4702'-4706'	4 SPF	16 holes
2-1-98	4708'-4712'	4 SPF	16 holes
2-1-98	4751'-4764'	4 SPF	52 holes
2-5-98	4354'-4364'	4 SPF	40 holes



Inland Resources Inc.

Pariette Draw #8-22

1990 FNL 628 FEL

SENE Section 22-T8S-R17E

Duchesne Co, Utah

API #43-013-31826; Lease #UTU-76240

Spud Date: 1-21-98
P&A'd: 1-30-98

Pariette Draw #9-22

Wellbore Diagram

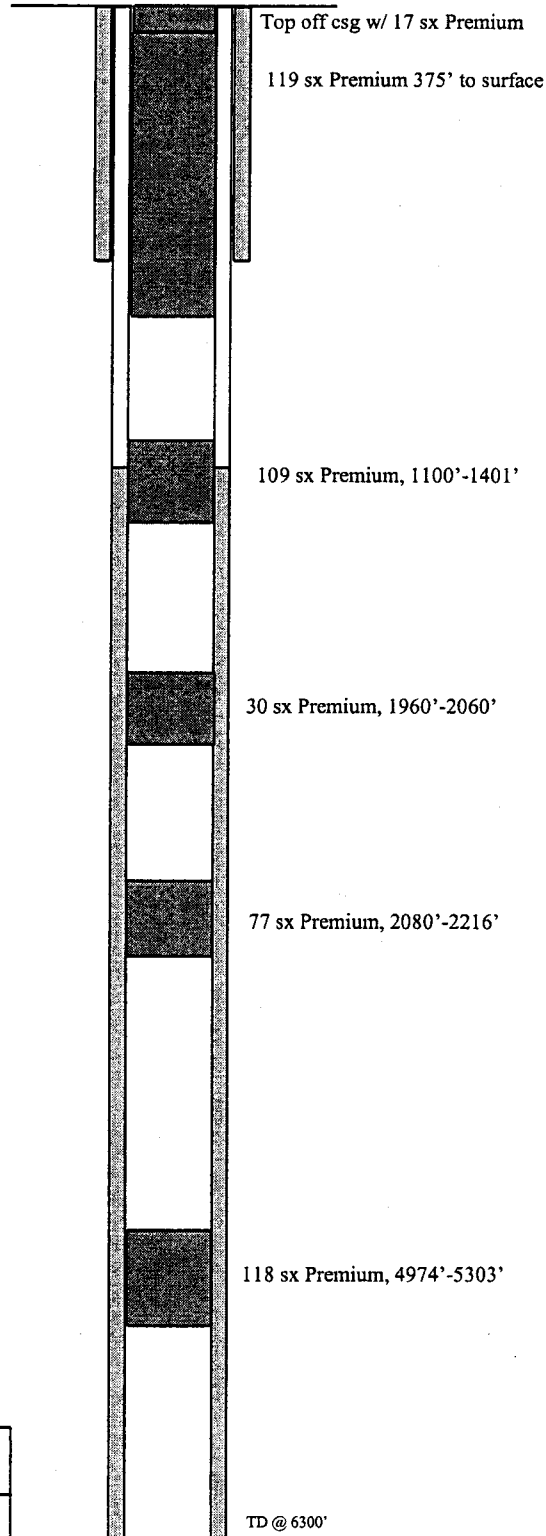
SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (294')
DEPTH LANDED: 303'
HOLE SIZE: 12-1/4"
CEMENT DATA: 140 sx Premium, est 6 bbls cmt to surface

PRODUCTION CASING

No production casing run.

LOGS: DIGL/SP/GR/CAL 6294'-302'
DSN/SDL/GR 6264'-3000'



Inland Resources Inc.

Pariette Draw #9-22

2174 FSL 557 FEL

NESE Section 22-T8S-R17E

Duchesne Co, Utah

API #43-013-31813; Lease #UTU-76240



Elev.GR - 5192' GL
Elev.KB - 5202' KB (10' KB)

WELLBORE DIAGRAM

Attachment E-3

BALCRON FEDERAL #12-22Y
SW NW Sec. 22, T8S, R17E
2105' FNL, 660' FWL
LEASE #U-66191
Undesignated Field
Duchesne County, Utah

DATE : 2/28/96 vk

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 9 jts (394.88 ft)
DEPTH LANDED: 404.88' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: Western - 250 sxs class "G" w/
2% CCI & 1/4 #/sx celloseal

405' KB

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 156 jts (6575.52 ft)
DEPTH LANDED: 6584.52' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: Western - 130 sxs super "G" w/
(47# "G" + 20# Poz + 17#
CSE)/sk + 3% salt + 2% gel +
(2# Hi-Seal + 1/4 #Cello-seal)/sk,
tailed w/ 480 sxs 50/50 Poz + 2%
gel + (1/4# Cello-seal + 2#
Hi-Seal 2)/sk.

CEMENT TOP AT: 2983' KB CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 154 jts (4745.93 ft)
TUBING ANCHOR: Trico (2.8 ft) set w/ 13" tension
NO. OF JOINTS: 49 jts (1512.20 ft)
SEATING NIPPLE: 2-7/8" x 1.1"
PERFORATED SUB: 2-7/8" x 4" (3.9 ft)
MUD ANCHOR: 1 jt (30.56 ft)
TOTAL STRING LENGTH: 6296.49 ft (EOT @ 6306.49' KB)
SN LANDED AT: 6272.03' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1 - 3/4" x 4' Pony
250 - 3/4" x 25' D-61 Plain

TOTAL ROD STRING LENGTH: 6270.5 ft

PUMP NUMBER: Trico # 1096
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RWAC
w/ PA plunger

STROKE LENGTH: 89 in
PUMP SPEED, SPM: 4.2 SPM
PUMPING UNIT SIZE: American 320G (320-256-120)
PRIME MOVER: Ajax E-42

LOGS: CBL-GR, Compensated Neutron
Litho-Density Gamma Ray, Dual
Laterolog w/ linear correlation log
Gamma Ray

ACID JOB /BREAKDOWN

1/17/95	6221' - 6248'	Western - 2856 gal 2% KCl water w/ 125 ball sealers. ATP- 2400 psi, Max-5000psi, ATR-6 bpm, Max - 6 bpm. ISIP-1650 psi. Surged balls off. Frac Gradient - 0.704
4/26/95	5348' - 5353'	Western - 3696 gal 2% KCl water w/ 14 ball sealers. No Ball off. ATP - 2400#, Max-5000#, ATR-4.2 bpm. ISIP-1000 #
4/26/95	5472' - 5475' & 5479' - 5481'	Western - 2940 gal 2% KCl water w/ 14 ball sealers, Bailed Off. ATP-2000#, Max- 5000#, ATR-3.9 bpm. ISIP-1400 psi.
5/1/95	4804' - 4817'	BJ - 2898 gal 2% KCl water w/ 100 ball sealers. Ball action. ATP-2500#, Max- 3800#, ATR-6 bpm, Max-6.1. ISIP-980#

FRAC JOB

1/17/95	6221' - 6248'	Western - 12,600 gal 2% KCl water pad, followed by 33,390 gal 2% KCl w/ 80,040 # 20/40 + 87,580# 16/30. Flushed w/ 6218 gal 2% KCl water. ATP-1900, Max-2400#, ATR-32.8 bpm, Max-33.4 bpm. ISIP - 2000 psi, 5min-1920, 10min-1800, 15min- 1750, 30min-1650psi. Force closure flow back 0.5bpm, 30min=1.5 bbl.FracGrad-0.761
4/26/95	5348' - 5353' & 5472' - 5475' & 5479' - 5481'	Western - 3000gal 2% KCl water pad followed by 11,500 gal 2% KCl gel w/ 26,920 # 20/40 + 38,000 # 16/30 sand, Flushed w/ 5345 gal 2% KCl water. ATP-2200#, Max-2830 #, ATR-33 bpm, Max-34.5 bpm, ISIP-1680 psi. 5min-1440, 10min-1300, 15min-1230 psi.
5/1/95	4804' - 4817'	BJ - 2982 gal 2% KCl water pad, followed by 19,026 gal 2% KCl gel w/ 80,400 # 16/30 sand. ATP-1850#, Max-2300#, ATR-30 bpm, Max-30.6 bpm. ISIP-1900 psi, 5 min- 1570#, 10min-1480, 15min-1400, 30min-1250.

PERFORATION RECORD

1/17/95	6221' - 6248'	2 SPF	27 ft	54 holes
4/26/95	5348' - 5353'	5 ft	7 holes	
4/26/95	5472' - 5475'	3 ft	4 holes	
4/26/95	5479' - 5481'	2 ft	3 holes	
4/28/95	4804' - 4817'	4 SPF	13 ft	52 holes

EOT @ 2983'KB

SN LANDED @ 6272' KB
EOT LANDED @ 6306' KB

PBTD @ 6538.67' KB
TD @ 6600' KB



Elev.GR - 5159' GL
Elev.KB - 5169'KB (10' KB)

WELLBORE DIAGRAM

Attachment E-4

BALCRON FEDERAL #22-22-8-17Y
SE NW Sec. 22 T9S, R17E
1945' FNL, 2030' FWL
U-67845
Monument Butte Field
Duchesne County, Utah

DATE : 2/28/96 vk

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts (321.90 ft)
DEPTH LANDED: 332' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: BJ - 215 sxs class "G" + 2%
CaCl2 + 1/4 #/sk Cello-Seal

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts (6372.92 ft)
DEPTH LANDED: 6386' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: BJ - 140 sxs Super "G" w/ (47# "G" +
3# Poz + 34# BA-91)/sk + 2% gel +
(2# Hi-Seal 2 + 1/4 # Cello-Seal)/sk
tailed by 484 sxs 50/50 Poz + 2% gel +
(1/4# Cello-Seal + 2# Hi-Seal 2)/sk

CEMENT TOP AT: 2690' KB per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 154 jts (4697.61 ft)
TUBING ANCHOR: Trico (2.35 ft)
NO. OF JOINTS: 42 jts (1274.05 ft)
SEATING NIPPLE: 2-7/8" (1.1 ft)
PERFORATED SUB: 2-7/8" (4.2 ft)
MUD ANCHOR: 1 jt w/ pinned NC (26.10 ft)
TOTAL STRING LENGTH: 6005.41 ft (EOT @ 6015.41' KB)
SN LANDED AT: 5985.11' KB

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 5 - 3/4" x 4' Pony
239 - 3/4" x 25' D-61 Plain

TOTAL ROD STRING LENGTH: 6011.50 ft

PUMP NUMBER: Trico #1126
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RWAC
w/ PA plunger

STROKE LENGTH: 88 in
PUMP SPEED, SPM: 4.5 SPM
PUMPING UNIT SIZE: National F 228-246C-86
PRIME MOVER: Ajax EA-30

two - 400 bbl vert. tanks
one - 100 bbl open top tank
one - treater National 12'x5' Horiz

LOGS: Dual Laterolog w/ caliper, GR, SP, & Tension
curve. Spectral Density/Dual Spaced Neutron
w/ caliper, GR, & tension curve. CBL/GR

ACID JOB /BREAKDOWN

10/27/95 5861' - 5950' (150 holes) BJ - 1420 gal 2% KCl gel, break
down in 2' segments. No Break: 5924' - 5914',
Break : 5950', 5936' - 5921', circulated rest.

1/31/96 4748' - 4793' (72 holes) BJ - 3570 bbls 2% KCl water w/
150 balls. Ball Action, no ball off. ATP-2800,
Max-4100#, ATR-5.4 bpm, ISIP- 1400 psi.

FRAC JOB

1/31/96 4748' - 4793' BJ - 5000 gal 2% KCl wtr pad, followed by
21,000 gal 2% KCl gel w/ 111,640# 16/30 sand,
flush w/ 4704 gal 2% KCl water. ATP-1800psi,
Max-2410 psi, ATR-33.4 bpm, Max-33.7 bpm,
ISIP-2000psi, 5min-1580, 10min-1490, 15min-
1380, 30min-1180psi. Frac Gradient - 0.859

PERFORATION RECORD

EOT - 2690' KB	10/26/95	5932' - 5950'	2 SPF	(18 ft)	36 holes
	10/26/95	5925' - 5929'	2 SPF	(4 ft)	8 holes
	10/26/95	5891' - 5920'	2 SPF	(29 ft)	58 holes
	10/26/95	5876' - 5888'	2 SPF	(12 ft)	24 holes
	10/26/95	5861' - 5873'	2 SPF	(12 ft)	24 holes
	1/29/96	5772' - 5780'	4 SPF	(8 ft)	32 holes
	1/29/96	5792' - 5796'	4 SPF	(4 ft)	16 holes
	1/30/96	4748' - 4752'	4 SPF	(4 ft)	16 holes
	1/30/96	4770' - 4778'	4 SPF	(8 ft)	32 holes
	1/30/96	4780' - 4784'	4 SPF	(4 ft)	16 holes
	1/30/96	4791' - 4793'	4 SPF	(2 ft)	8 holes

4748'-4752'
4770'-4778'
4780'-4784'
4791'-4793'

5772'-5780'
5792'-5796'

5861'-5873'
5876'-5888'
5891'-5920'
5925'-5929'
5932'-5950'

SN LANDED @ 5985.11' KB
EOT LANDED @ 6015.41' KB

PBTD @ 6337.88' KB
TD @ 6400' KB



Elev.GR -5190" GL
Elev.KB - 5200" KB

WELLBORE DIAGRAM

Attachment E-5

Monument Federal #23-22-8-17Y
Monument Butte
U-67845
Section 22, T8S, R17E

Duchesne County, Utah

DATE : 2/13/97 DZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 269'
DEPTH LANDED: 279' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: No data given in report

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 6261'
DEPTH LANDED: 6271' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 370 sks super"G", 3% salt,
2% gel, 2#/sk KOL-seal,
1/4#/sk Cello-flake, Tail w/
435 sks 50/50 POZ, 2% gel,
1/4#/sk Cello-flake, 2#/sk
Kol-seal.

CEMENT TOP AT: 925' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" 8rd EUE/ J-55/ 6.5#
NO. OF JOINTS: 150 Jts (4666.49')
TUBING ANCHOR: 2-7/8"x5-1/2"x2.75'
NO. OF JOINTS: 39 Jts (1231.14')
SEATING NIPPLE: 2-7/8"x1.10'
PERFORATED SUB: 2-7/8"x4.20'
MUD ANCHOR: 2-7/8"x27.61' w/notched-pinned collar
STRING LENGTH: 5933.29'
SN LANDED AT: 5910.38' KB

SUCKER RODS

POLISHED ROD: 1-1/4"x22' SM
SUCKER RODS: 1-3/4"x2' Pony
1-3/4"x6' Pony
1-3/4"x8' Pony

NOTE: Rod count is 50' long
compared to tubing tally.
TOTAL STRING LENGTH: 5963'

PUMP NUMBER: Trico #1202
PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC

STROKE LENGTH: 72 inches
PUMP SPEED, SPM: 6
PUMPING UNIT SIZE: Lufkin 160-200-74
SN: 507-53725
PRIME MOVER: Ajax EA-30
SN: 66240
TANKS: 2-400 BBL, Natco 12'x20'
Tank #1 SN: 9D-881-07
Tank #2 SN: ??

LOGS: Compensated Neutron
Litho-Density Gamma Ray;
Dual Laterolog w linear correlation
gamma ray; CBL\GR.

ACID JOB /BREAKDOWN

11/22/96	5837'-5868'	BJ Services: 3234 Gal 2% KCL wtr w/ 124 ball sealers. Ball action but no ball off. ATP= 2800 psi, ATR= 5.5 bpm, ISIP= 1700 psi.
11/25/96	4724'-4728' 4729'-4731'	BJ Services: 2100 gal 2% KCL wtr w/ 48 ball sealers. Ball action but no ball off. ATP= 2200 psi, ATR= 3.8 bpm, ISIP 1350 psi.

FRAC JOB

11/25/96	5837'-5868'	BJ Services: 23,392 gal 2% KCL wtr w/ 29,440# 20/40 sand & 50,660# 16/30 sand. ATP= 2740 psi, ATR= 33.8 bpm, ISIP= 3250 psi, 5 min= 2570 psi, 10 min= 2030 psi.
11/25/96	4724'-4728' 4729'-4731'	BJ Services: 10,878 gal 2% KCI wtr w/ 24,000# 16/30 sand. ATP= 1700 psi, ATR= 25.1 bpm, ISIP= 1660 psi, 5 min= 1330 psi, 10 min= 1240 psi, 15 min= 1200 psi, 30 min= 1100 psi.

PERFORATION RECORD

11/22/96	Cutter WL	5837'-5868'	2 SPF
11/25/96	Cutter WL	4724'-4728'	?
		4729'-4731'	?

TOC@
925'

4724'-4728'
4729'-4731'

5837'-5868'

SN @ 5910' KB
EOT @ 5910' KB

PBTD @ 6218' KB
TD @ 6310' KB



Elev.GR - 5160' GL
Elev.KB - 5170' (10' KB)

WELLBORE DIAGRAM

Attachment E-6

Monument Federal #31-22-8-17
Monument Butte
U-67845
NW NE Section 22, T8S, R17E
1036' FNL, 2338' FEL
Duchesne County, Utah

DATE : 7/24/96 DZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 249.90' (6 Jts)
DEPTH LANDED: 259.90' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sks "G", w/ 2% CaCl₂,
1/4#/sk celloseal.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 6313.57'
DEPTH LANDED: 6323.57' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 160 sks Super "G" w/ 47#/sk
G, 34#/sk BA91, 3% salt,
2% gel, 2#/sk Kolseal,
1/3#/sk cello-flake.
tail w/ 425 sks 50/50 POZ, 25 gel,
1/4#/sk cello flake, 2#/sk Kolseal.

CEMENT TOP AT: 2066' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" 8rd EUE/ J-55/ 6.5#
NO. OF JOINTS: 170 Jts (5217.52')
TUBING ANCHOR: 2-7/8"x5-1/2"x2.75' (Trico)
NO. OF JOINTS: 26 Jts (803.48')
SEATING NIPPLE: 2-7/8"x1.10'
PERFORATED SUB: 2-7/8"x4.20'
MUD ANCHOR: 2-7/8"x29.72'
STRING LENGTH: 6059.17'
SN LANDED AT: 6033.75'

SUCKER RODS

POLISHED ROD: 1-1/4"x22' SM
SUCKER RODS: 240-3/4"x25' D-54 Plain
1-7/8"x2' Pony w/2-1/2" guide
1-1/2"x25' K-Bar
1-7/8"x2' Pony w/2-1/2" guide

TOTAL STRING LENGTH: 6051'

PUMP NUMBER: Trico #1168
PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC
w/ SM plunger.
STROKE LENGTH: 85"
PUMP SPEED, SPM: 9.3 SPM
PUMPING UNIT:
PRIME MOVER:

LOGS: Dual Laterolog w/ linear
Correlation GR
Compensated Neutron
Litho Density GR
CBL/GR

ACID JOB /BREAKDOWN

5/20/96 5936'-5950' BJ Services: 2000 gal 15%
5960'-5965' HCL + 3460 gal % KCL wtr,
5971'-6010' w/250 ball sealers. ATP=
2100 psi, ATR=4.1 bpm,
ISIP=1900 psi.
5/28/96 5509'-5515' BJ Services: 2184 gals 2%
5534'-5538' KCL wtr w/ 80 ball sealers.
Balled out. ATP=2250 psi,
ATR=4.5 bpm, ISIP=950 psi.

259.90' KB

FRAC JOB

5/22/96 5936'-6010' BJ Services: 5880 gals 2%
KCL wtr w/ 21,260# 20/40
sand & 39,040# 16/30
sand. ATP=2600 pis, ATR=
42.0 bpm, ISIP=2650 psi,
5 min=2000 psi, 10 min=
1700 psi, 15 min=1520 psi,
30 min=1300 psi.
5/29/96 5509'-5515' BJ Services: 10,290 gal
5534'-5538' 2% KCL wtr & 13,220#
16/30 sand. ATP=2000 psi,
ATR=30.8 bpm, ISIP=
1750 psi, 5 min=1370 psi,
10 min=1280 psi, 15 min=
1190 psi, 30 min=1100 psi.

TOC@
2066' KB

PERFORATION RECORD

5/17/96	Schlumberger	5936'-5950'	4 SPF
		5960'-5965'	4 SPF
		5971'-6010'	4 SPF
5/28/96	Schlumberger	5509'-5515'	4 SPF
		5534'-5538'	4 SPF

5509'-5515'

5534'-5538'

5936'-5950'

5960'-5965'

5971'-6010'

SN LANDED @ 6033.75' KB
EOT LANDED @ 6069.17' KB

PBTD @ 6282' KB
TD @ 6350' KB

Monument Federal #33-22-8-17

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jts. (243.90')
 DEPTH LANDED: 253.90'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class "G", est 5 bbls cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 149 jts. (6321.92')
 DEPTH LANDED: 6331.92'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 260 sx Super G & 485 sx 50/50 Poz
 CEMENT TOP AT: ?

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 192 jts (4599')
 TUBING ANCHOR: 2.75' Trico (set w/ 11" tension)
 SEATING NIPPLE: 2-7/8" (1.10')
 PERFORATED SUB: 2-7/8" (4.10')
 MUD ANCHOR: 1 jt w/ NC (33.50')
 TOTAL STRING LENGTH: 4599' (EOT @ 4619')
 SN LANDED AT: 5979'

SUCKER RODS

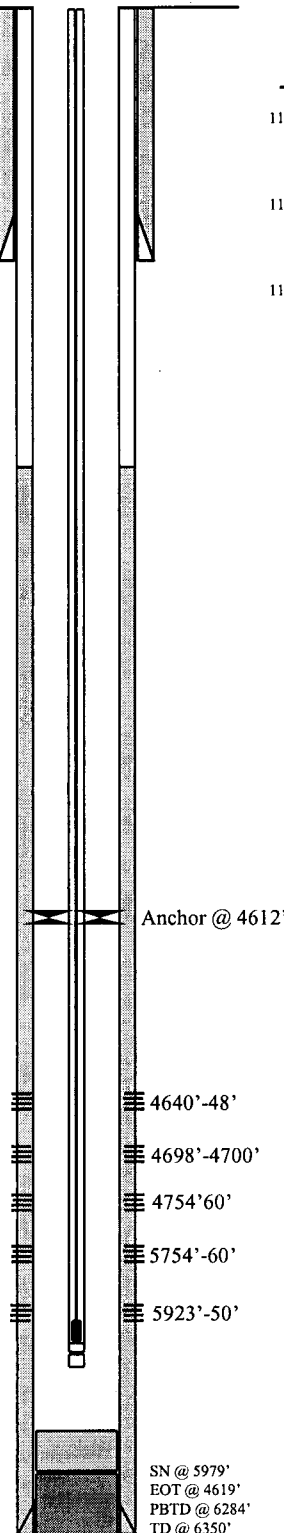
POLISHED ROD: 1-1/4" x 22' SM
 SUCKER RODS: 236 - 3/4" x 25' Plain
 TAL ROD STRING LENGTH:
 PUMP NUMBER: #? Trico
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RWAC w/ PA plunger
 STROKE LENGTH: 88"
 PUMP SPEED, SPM: 5.25 SPM
 PUMPING UNIT SIZE:
 LOGS: DLL/GR; CBL/GR; LDT/CNL

FRAC JOB

11-11-96	5923'-5950'	57,660# 16/30 sand & 25,200# 20/40 sand in 5880 gals Viking. Treated w/avg press of 2450 psi w/avg rate of 30.6 BPM. ISIP - 2550 psi.
11-15-96	5754'-5760'	7800# 20/40 sand & 13,920# 16/30 sand in 4109 gals Viking. Treated w/avg press of 3650 psi w/avg rate of 25.3 BPM. ISIP - 2580 psi.
11-19-96	4640'-4760'	48,100# 16/30 sand in 8553 gals Viking. Treated w/avg press of 1800 psi w/avg rate of 36.2 BPM. ISIP - 1950 psi, 5 min 1620 psi.

PERFORATION RECORD

11-8-96	5923'-5950'	2 SPF	54 holes
11-14-96	5754'-5760'	4 SPF	24 holes
11-18-96	4640'-4648	4 SPF	32 holes
11-18-96	4698'-4700'	4 SPF	8 holes
11-18-96	4754'-4760'	4 SPF	24 holes



Inland Resources Inc.

Monument Federal #33-22-8-17

2295 FSL 1619 FEL

NWSE Section 22-T8S-R17E

Duchesne Co, Utah

API #43-013-31588; Lease #U-67845

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066Office (801) 722-5068
Fax (801) 722-5727

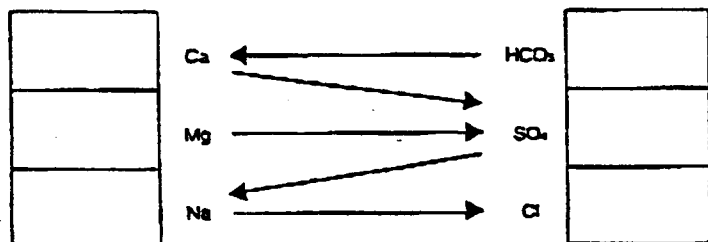
Attachment F

WATER ANALYSIS REPORT

Company INLAND Address _____ Date 01-14-98
 Source Johnson Water Date Sampled _____ Analysis No. _____
FRESH WATER

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>7.0</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>593</u>	
5. Alkalinity (CaCO ₃)		<u>0</u>	÷ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)		<u>300</u>	÷ 61 <u>5</u> HCO ₃
7. Hydroxyl (OH)		<u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)		<u>35</u>	÷ 35.5 <u>1</u> Cl
9. Sulfates (SO ₄)		<u>110</u>	÷ 48 <u>2</u> SO ₄
10. Calcium (Ca)		<u>44</u>	÷ 20 <u>2</u> Ca
11. Magnesium (Mg)		<u>22</u>	÷ 12.2 <u>2</u> Mg
12. Total Hardness (CaCO ₃)		<u>200</u>	
13. Total Iron (Fe)		<u>2.2</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION**Saturation Values**CaCO₃**Distilled Water 20°C**

13 Mg/l

CaSO₄ · 2H₂O

2,090 Mg/l

MgCO₃

103 Mg/l

Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>2</u>			<u>162</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	<u>2</u>			<u>146</u>
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	64.00	<u>1</u>			<u>84</u>
Na ₂ SO ₄	71.03	<u>2</u>			<u>142</u>
NaCl	58.46	<u>1</u>			<u>59</u>

REMARKS _____

WATER ANALYSIS REPORT

Company INLAND Address _____ Date 01-27-98

Source BOUNDARY FED. 9-21 Date Sampled _____ Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>9.2</u>		
2. H ₂ S (Qualitative)	<u>5</u>		
3. Specific Gravity	<u>1.014</u>		
4. Dissolved Solids		<u>15,798</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>120</u>	÷ 30 <u>4</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>1,100</u>	÷ 61 <u>18</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>8,500</u>	÷ 35.5 <u>239</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>0</u>	÷ 48 <u>0</u> SO ₄
10. Calcium (Ca)	Ca	<u>8</u>	÷ 20 <u>0</u> Ca
11. Magnesium (Mg)	MG	<u>22</u>	÷ 12.2 <u>2</u> Mg
12. Total Hardness (CaCO ₃)		<u>110</u>	
13. Total Iron (Fe)		<u>0.8</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

	Compound	Equlv. Wt.	X	Meg/l	=	Mg/l
<div> <div>0</div> <div>2</div> <div>259</div> </div> <div> <div>Ca</div> <div>Mg</div> <div>Na</div> </div> <div> <div>HCO₃</div> <div>SO₄</div> <div>Cl</div> </div> <div> <div>22</div> <div>0</div> <div>239</div> </div>	Ca(HCO ₃) ₂	81.04				
	CaSO ₄	68.07				
	CaCl ₂	55.50				
	Mg(HCO ₃) ₂	73.17	<u>2</u>		<u>146</u>	
	MgSO ₄	60.19				
	MgCl ₂	47.62				
	NaHCO ₃	84.00	<u>20</u>		<u>1,680</u>	
	Na ₂ SO ₄	71.03				
	NaCl	58.46	<u>239</u>		<u>13,972</u>	

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND
 LOCATION:
 SYSTEM:

03-04-98

WATER DESCRIPTION:	JOHNSON WATER	BF 9-21
P-ALK AS PPM CaCO ₃	0	200
M-ALK AS PPM CaCO ₃	492	1804
SULFATE AS PPM SO ₄	110	0
CHLORIDE AS PPM Cl	35	8500
HARDNESS AS PPM CaCO ₃	0	0
CALCIUM AS PPM CaCO ₃	110	20
MAGNESIUM AS PPM CaCO ₃	90	90
SODIUM AS PPM Na	92	5957
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	593	15798
TEMP (DEG-F)	150	150
SYSTEM pH	7	9.2

WATER COMPATIBILITY CALCULATIONS

JOHNSON WATER AND BF 9-21

CONDITIONS: TEMP.=150 AND pH=8.1

WATER ONE IS JOHNSON WATER

% OF WATER # 1	STIFF DAVIS CaCO ₃ INDEX	lbs/1000 BBL EXCESS CaCO ₃	mg/l BaSO ₄ IN EXCESS OF SATURATION	mg/l SrO ₄ IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	1.43	36	0	0	0
90	1.44	33	0	0	0
80	1.43	30	0	0	0
70	1.40	27	0	0	0
60	1.36	24	0	0	0
50	1.31	21	0	0	0
40	1.24	18	0	0	0
30	1.15	15	0	0	0
20	1.05	12	0	0	0
10	.94	8	0	0	0
0	.78	5	0	0	0

Attachment G

Monument Federal #32-22
Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5447	5460	5454	1400	0.69	1388
4501	4513	4507	1650	0.80	1642
				Minimum	1388

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$
where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.005.

Frac Gradient is obtained from the service company's frac summary report.



EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION

 1601 Lewis Avenue
 P.O. Box 21017
 Billings, MT 59104-1017
 (406) 259-7860

Attachment G-2 TREATMENT REPORT

DATE OF TREATMENT: 6-12-96

Well Name MONUMENT FED. 32-22-8-17 Sec. 22 TWN. 8 S RNG. 17 E
 Field PARIETTE DRAW County DUCHEMNE State MT
 Formation: GREEN RIVER (Y-1 ZONE)
 Perforations: 4501-9, 4511-13

Treatment Type: SAND FRAC Total Number of Holes: 40
 Treatment Company: BJ SERVICES SAND CHARACTERISTICS

TOTAL CLEAN	VOLUME		FLUID	CONC.			SIZE	SAND VOLUME	
	SLURRY BBL	CLEAN GAL		# / GAL	BPM	PSI		CALC.	ACTUAL
48	48	2000	2% KCL WATER (PAD)	0	30.5	2470	+	— #	— #
66	67	750	"	2	30.8	2340	16/30	1500 #	#
94	101	1200	"	4	31.2	2140	16/30	4800 #	#
123	137	95	"	6	31.4	1800	16/30	5700 #	6500 #
229	243	4452	" (FLUSH)	0	32.7	2300	+	— #	— #
							1	#	#
							1	#	#
							1	#	#
							1	#	#
							1	#	#

TOTAL FLUID PUMPED: _____ gal. _____ % Acid
9576 gal. 2% KCL WATER Fluid
 TOTAL SAND VOLUME: 12,800 lbs. 16130 sand
 _____ lbs. 1 sand
 _____ lbs. 1 sand

Flushed well with 4452 gal. of 2% KCL WATER
 _____ ball sealers were pumped. Was ball action seen? _____

Barrels of Load to Recover 228 BLTR.

Avg. Treating Pressure = 2140 psi, max = 2470 psi, min. = 1800 psi.

Avg. Treating Rate = 31.5 bpm, max = 32.7 bpm, min. = 30.5 bpm.

ISIP = 1650 psi, 5 min. = 1200 psi, 10 min. = 1190 psi, 15 min. = 1160 psi.

Well will be shut in for 0 hours before bringing back fluid. 30 min. = 1100 psi.

REMARKS: 2 BBL. TO LOAD HOLE.

START FORCED CLOSURE FLOW BACK, .5 BPM.

FRAC GRADIENT: .806 Wellsite Supervisor: Dale Griffin



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION
1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017
(406) 259-7860

Attachment G-3 TREATMENT REPORT

DATE OF TREATMENT: 6-12-96

Well Name MONUMENT FED. 32-22-8-17 Sec. 22 TWN. 8S RNG. 17E
Field PARIETTE DRAW County DUCHESNE State UT.
Formation: GREEN RIVER (B-5 ZONE)
Perforations: 5447-60

Treatment Type: SAND FRAC Total Number of Holes: 52
Treatment Company: BJ SERVICES SAND CHARACTERISTICS

CLEAN TOTAL	VOLUME		FLUID	CONC.			SIZE	SAND VOLUME	
	SLURRY BBL	CLEAN GAL		#/GAL	BPM	PSI		CALC.	ACTUAL
47	48	46	2000	2% KCL WATER (PAD)	0	30.7	1810	+	— # — #
63	67	19	750	"	2	31.1	1770	16/30	1500 # #
90	101	34	1200	"	4	31.3	1550	16/30	4800 # #
96	107	29	950	"	6	31.2	1530	16/30	5700 # 6700 #
222	236	129	5418	" (FLUSH)	0	32.8	1910	+	— # — #
							1		# #
							1		# #
							1		# #
							1		# #
							1		# #

TOTAL FLUID PUMPED: _____ gal. _____ % Acid
9324 gal. 2% KCL WATER Fluid
 TOTAL SAND VOLUME: 13,000 lbs. 16130 sand
 _____ lbs. 1 sand
 _____ lbs. 1 sand

Flushed well with 5418 gal. of 2% KCL WATER
 _____ ball sealers were pumped. Was ball action seen? _____

Barrels of Load to Recover 222 BLTR.

Avg. Treating Pressure = 1700 psi, max = 1910 psi, min. = 1530 psi.

Avg. Treating Rate = 31.3 bpm, max = 32.8 bpm, min. = 30.7 bpm.

ISIP = 1400 psi, 5 min. = 1150 psi, 10 min. = 1100 psi, 15 min. = 1080 psi.

Well will be shut in for _____ hours before bringing back fluid.

REMARKS: 5 BBL TO LOAD HOLE

FRAC GRADIENT: .696

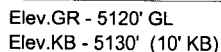
Wellsite Supervisor: Dale Griffin

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. **Plug #1** Set 163' plug from 5347'-5510' with 30 sx Class "G" cement.
2. **Plug #2** Set 162'' plug from 4401'-4563' with 60 sx Class "G" cement.
3. **Plug #3** Set 200' plug from 2000'-2200' with 30 sx Class "G" cement.
4. **Plug #4** Set 100' plug from 211'-311' (50' on either side of casing shoe) with 15 sx Class "G" cement.
5. **Plug #5** Set 50' plug from surface with 10 sx Class "G" cement.
6. Pump 10 sx Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 261' to surface.

The approximate cost to plug and abandon this well is \$18,000.



MONUMENT FIELD #32-22-8-17
SW NE Sec. 22, T8S R17E
1980' FNL, 1980' FEL
Lease #U67845
Monument Butte Field (Pariette Draw Area)
Duchesne County, Utah

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 250 ft
DEPTH LANDED:
HOLE SIZE: 12-1/4"
CEMENT DATA:

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 6348.61'
DEPTH LANDED: 6358.61' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: BJ Services: 220 sks
Super "G", 2#/sk KOL-Seal
3% salt, 2% gel, 1/4#/sk
Cello-Flake. Tail w/
445 sks 50/50 POZ, 2% gel
1/4#/sk Cello-Flake
2#/sk Kol-Seal.

CEMENT TOP AT: 1702' KB

10 sx Class "G" cmt, 50' to surface

10 sx Class "G" cement down the 8-5/8" x 5-1/2" annulus
to cement 261' to surface

15 sx Class "G" cmt, 211'-311'

30sx Class "G" cmt, 2000'-2200'

4501'-4509'

60sx Class "G" cmt, 4401'-4563'

4511'-4513'

30 sx Class "G" cmt, 5347'-5510'

5447'-5460'

PBTD @ 6312' KB
TD @ 6400' KB

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR INLAND PRODUCTION COMPANY
ADDRESS _____

OPERATOR ACCT. NO. H 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	11917	12299	43-013031587	MONUMENT FED 31-22-8-17	NWNE	22	8S	17E	DUCHESNE		12-1-98
WELL 1 COMMENTS: 990216 CANVASBACK UNIT/GRRV EFFECTIVE 12-1-98; ENTITY CHANGED.											
D	11845	12299	43-013-31539	MONUMENT FED 11-22Y-8-17	NWNW	22	8S	17E	DUCHESNE		12-1-98
WELL 2 COMMENTS: 990216 CANVASBACK UNIT/GRRV EFFECTIVE 12-1-98; ENTITY CHANGED.											
D	11717	12299	43-013-31476	MONUMENT FED 12-22Y-8-17	SWNW	22	8S	17E	DUCHESNE		12-1-98
WELL 3 COMMENTS: 990216 CANVASBACK UNIT/GRRV EFFECTIVE 12-1-98; ENTITY CHANGED.											
D	11842	12299	43-013-31538	MONUMENT FED 22-22Y-8-17	SENW	22	8S	17E	DUCHESNE		12-1-98
WELL 4 COMMENTS: 990216 CANVASBACK UNIT/GRRV EFFECTIVE 12-1-98; ENTITY CHANGED.											
D	11959	12299	43-013-31586	MONUMENT FED 32-22-8-17	SWNE	22	8S	17E	DUCHESNE		12-1-98
WELL 5 COMMENTS: 990216 CANVASBACK UNIT/GRRV EFFECTIVE 12-1-98; ENTITY CHANGED.											

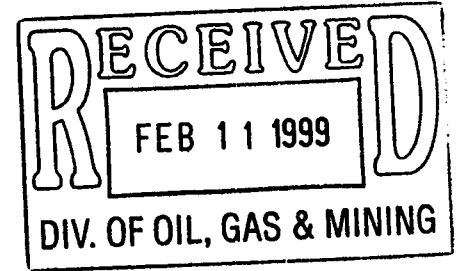
ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

DOGM (KDR)
Signature _____
Title _____ Date 2-16-99
Phone No. () _____



February 10, 1999

*State of Utah
Division of Oil, Gas & Mining
Attn: Kristen Risbeck
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801*

Dear Kristen:

Thank you so much for your assistance yesterday with the Canvasback Unit. As we unitize areas and get the final approval, we have always in the past selected one well within the unit and assigned that entity number to the unit.

The entity number that you and I selected yesterday was 12299. This had been the entity number for the Pariette Draw #8-22 and now it will be the entity number for the whole Canvasback Unit. This entity number change will be effective December 1, 1998.

I am enclosing a listing of all the wells currently in the Canvasback Unit. I have listed the name of the well with the old entity number and the A.P.I. number. In the future any wells drilled within this unit will be assigned the entity number of 12299.

If you have any questions or need further information, please don't hesitate to call me.

Sincerely,

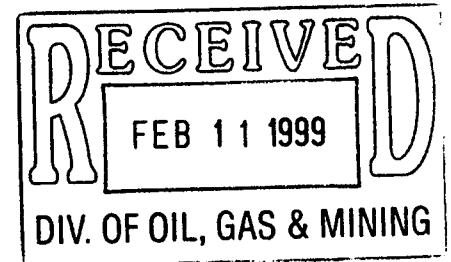

*Kebbie S. Jones
District Administrator*

Enclosures

/kj

CANVASBACK UNIT - ENTITY #12299

FIELD	WELL NAME	OLD ENTITY #	API NUMBER	
CANVASBACK UNIT	MONUMENT FEDERAL #31-22-8-17	11917	43-013-31587	NWNE S22 T8S R1
CANVASBACK UNIT	MONUMENT FEDERAL #11-22Y-8-17	11845	43-013-31539	NWNW S22 T8S R1
CANVASBACK UNIT	MONUMENT FEDERAL #12-22Y-8-17	11717	43-013-31476	SWNW S22 T8S R1
CANVASBACK UNIT	MONUMENT FEDERAL #22-22Y-8-17	11842	43-013-31538	SENW S22 T8S R1
CANVASBACK UNIT	MONUMENT FEDERAL #32-22-8-17	11959	43-013-31588	SWNE S22 T8S R1
CANVASBACK UNIT	PARIETTE DRAW FEDERAL #8-22-8-17	12299	43-013-31826	SENE S22 T8S R1
CANVASBACK UNIT	MONUMENT FEDERAL #33-22-8-17	12024	43-013-31588	NWSE S22 T8S R1
CANVASBACK UNIT	MONUMENT FEDERAL #23-22-8-17	12031	43-013-31702	NESW S22 T8S R1
CANVASBACK UNIT	MONUMENT FEDERAL #13-22Y-8-17	11942	43-013-31583	NWSW S22 T8S R1



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-67845

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

MONUMENT FEDERAL 32-22-8-17

9. API Well No.

43-013-31586

10. Field and Pool, or Exploratory Area

TREATY BOUNDARY

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well



Oil
Well



Gas
Well



Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1980 FNL 1980 FEL

SW/NE Section 22, T08S R17E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other **Site Security**



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection

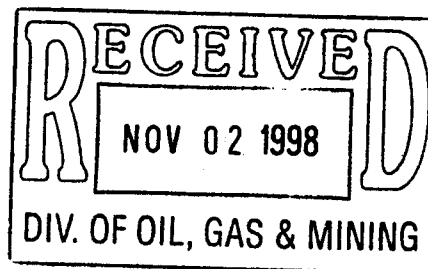


Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-
ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/30/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious
or fraudulent statements or representations as to any matter within its jurisdiction.

Inland Production Company Site Facility Diagram

Monument Federal 32-22

SW/NE Sec. 22, T8S, 17E

Duchesne County

May 12, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 1 open

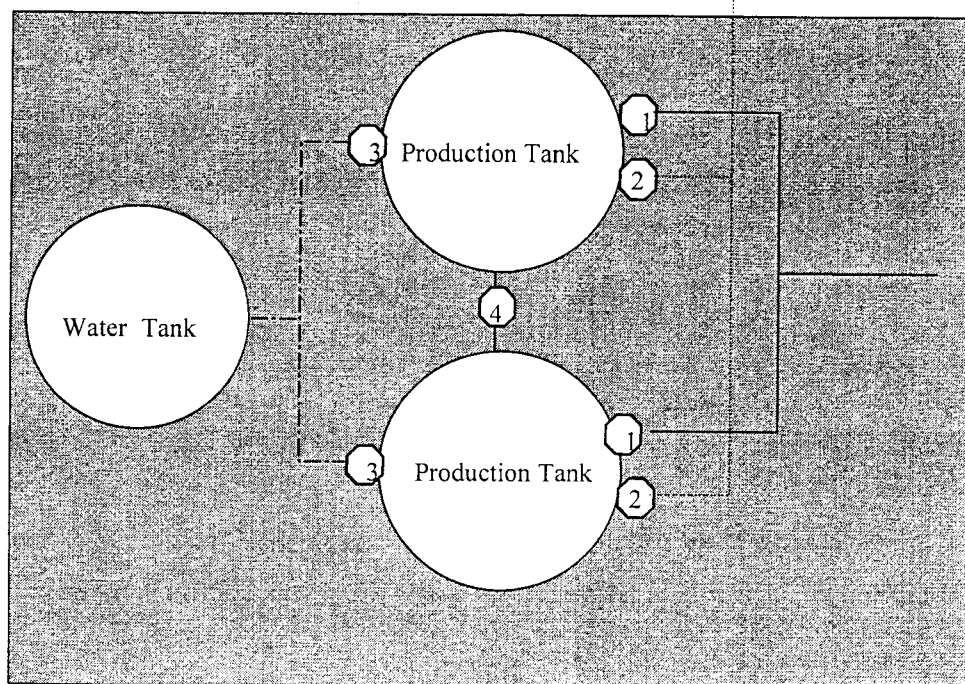
Draining Phase:

- 1) Valve 3 open

Diked Section

Gas Sales Meter

Pumping Unit



Emulsion Line

Load Line ———

Water Line - - - - -

Gas Sales - - - - -

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 10C4-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1980 FNL 1980 FEL SW/NE Section 22, T08S R17E

5. Lease Designation and Serial No.

U-67845

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

MONUMENT FEDERAL 32-22-8-17

9. API Well No.

43-013-31586

10. Field and Pool, or Exploratory Area

TREATY BOUNDARY

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

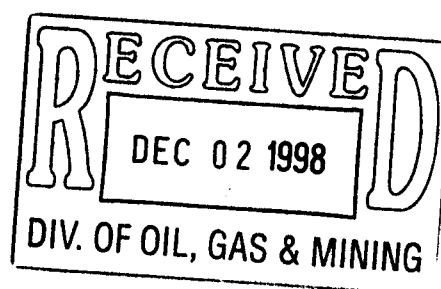
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Lease Number Change

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please be advised that the lease number for the above referenced well should be changed to UTU-77233.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

11/30/98

(This space for Federal or State office use)

Approved by

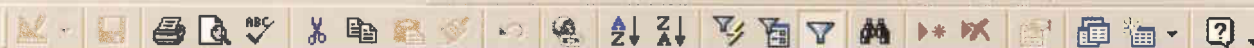
Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



AOR Tracking

Date Mod: 02/15/2001

AOR No: 1244 Is AOR for Multiple Wells? ☐ API Well No.: 43-013-31588-00-00

Operator: INLAND PRODUCTION COMPANY

Dt Appl Received: 08/10/1998 Topo Map? ☐ WHPA? ☐Dt Conversion Aprv: 09/08/1998 Inv. Cmpl? ☐ Variance? ☐

Dt Radius Prs:

Rad. Prs Infl:

Radius: 0.5

Run AOR Finder

Well Statistics

Number of Wells Identified within the AOR

	Total Wells	Defective Wells	Wells Requiring Corrective Action	Wells Penetrating Injection Zone
Abandoned:	1	0	0	0
Not Abandoned:	6	0	0	0

Results of Investigations

Casing Repair: 0

Oth Corr: 0

P&A: 0

Replug: 0

Date Apprvd: 09/23/1998

Water Well Information

Public Use: 0

Drinking Water: 0

Notes

U77233/Prop. Canvasback Unit. The following fields are from the PERMITS data: D_conapp: D_hear: 9/17/98. Ar_Rev: 6P,1PA. Other: 6. Plugged: 1.

Wells in AOR	Typ	Stat	Cmpl	Cls	TVD	Dist
Record: 11 1 1 1 1 1 1						

Record: 11 1 1 1 1 1 1 of 1 (Filtered)

Has an AOR Variance been approved for this well(s)?

FLTR

NUM

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company **Well:** Monument Federal 32-22

Location: 22/8S/17E **API:** 43-013-31586

Ownership Issues: The proposed well is located on Federal land. The well is located in the proposed Canvasback Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Inland and various other individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland will be the operator of the proposed Canvasback Unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 250 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 6349 feet and has a cement top at 1702'. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set at 4450 feet. A mechanical integrity test will be run on the well prior to injection. There are 6 producing wells and 1 plugged and abandoned in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 200 feet. Injection shall be limited to the interval between 4501 feet and 5460 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 32-22 well is .69 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1388 psig. The requested maximum pressure is 1388 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Monument Federal 32-22
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining will hear Cause #225-3 requesting approval of the Canvasback Unit on September 23,1998. Correlative rights issues will be addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that Administrative approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill Date: 9/8/98

INJECTION WELL - PRESSURE TEST

Well Name: <u>MON FEP 32-22-8-17</u>	API Number: <u>43-013-31586</u>
Qtr/Qtr: <u>SW/NE</u>	Section: <u>22</u>
Township: <u>8S</u>	Range: <u>17E</u>
Company Name: <u>INLAND PRODUCTION COMPANY</u>	
Lease: State <u>UT</u>	Fee <u> </u>
Federal <u>U-67845</u>	Indian <u> </u>
Inspector: <u>Dennis Longman</u>	Date: <u>8-26-02</u>

Initial Conditions:

Tubing - Rate: Pressure: 500 psiCasing/Tubing Annulus - Pressure: 1180 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1180</u>	<u>500</u>
5	<u>1180</u>	<u>500</u>
10	<u>1180</u>	<u>500</u>
15	<u>1180</u>	<u>500</u>
20	<u>1180</u>	<u>500</u>
25	<u>1180</u>	<u>500</u>
30	<u>1180</u>	<u>500</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 500 psiCasing/Tubing Annulus Pressure: 1180 psi

COMMENTS: Original Conversion - First Test. 960
Record on Barton Chart. No Leak Off

Ron Shuck
 Operator Representative

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-67845	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		7. UNIT AGREEMENT NAME CANVASBACK	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/NE Section 22, T8S R17E 1980 FNL 1980 FEL		8. FARM OR LEASE NAME MONUMENT FED 32-22-8-17	
		9. WELL NO. MONUMENT FED 32-22-8-17	
		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/NE Section 22, T8S R17E	
14. API NUMBER 43-013-31586	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5120 GR	12. COUNTY OR PARISH DUCHESNE	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/>	Injection Conversion
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was converted from a producing to an injection well on 08/19/02. The rods and tubing anchor were removed and a packer was inserted in bottom hole assembly at 4449'. On 08/23/02 Mr. Dan Jackson w/EPA and Mr. Dennis Ingram w/State DOGM was notified of the intent to conduct a MIT on the casing. On 8/26/02 the casing was pressured to 1180 psi w/ no pressure loss charted in the 1/2 hour test. Mr. Dennis Ingram w/ State DOGM was there to witness the test.

18 I hereby certify that the foregoing is true and correct

SIGNED <u>Krishna Russell</u>	TITLE <u>Production Clerk</u>	DATE <u>8/27/2002</u>
Krishna Russell		

cc: BLM

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

RECEIVED

AUG 28 2002

DIVISION OF
OIL, GAS AND MINING



August 27, 2002

Mr. Dan Jarvis
State of Utah, DOGM
1594 West North Temple – Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Recompletion
Monument Federal 32-22-8-17
Sec. ~~32~~, T8S, R17E
API # 43-013-31586

Dear Mr. Dan Jarvis:

The subject well had seven new perforations added in the Green River formation. Please find enclosed the sundry. If you have any questions please let me know.

Sincerely,

Krisha Russell
Production Clerk

RECEIVED

AUG 28 2002

**DIVISION OF
OIL, GAS AND MINING**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.) OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-67845 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A 7. UNIT AGREEMENT NAME CANVASBACK 8. FARM OR LEASE NAME MONUMENT FED 32-22-8-17 9. WELL NO. MONUMENT FED 32-22-8-17 10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/NE Section 22, T8S R17E	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY 3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		14 API NUMBER 43-013-31586	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/NE Section 22, T8S R17E 1980 FNL 1980 FEL		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5120 GR	
12. COUNTY OR PARISH DUCHESNE		13. STATE UT	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO: TEST WATER SHUT-OFF <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> ABANDON* <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (OTHER) <input type="checkbox"/>		SUBSEQUENT REPORT OF: WATER SHUT-OFF <input type="checkbox"/> REPAIRING WELL <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/> (OTHER) <input checked="" type="checkbox"/> Recompletion (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* The subject injection well was recompleted in the Green River formation. Seven new Green River intervals were perforated, the GB-4 sds 4736'-4742' w/4 jspf, GB-6 sds 4788'-4791' w/4jspf, GB-6 sds 4804'-4809' w/4jspf, DS3 sds 5189'-5200' w/4jspf, CP-5 sds 6076'-6081' w/4jspf, CP-1 sds 6111'-6123' w/4jspf, and the CP-1 sds 6143'-6149' w/4jspf for a total of 192 shots.			
<div style="text-align: center;">Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</div>			
18 I hereby certify that the foregoing is true and correct			
SIGNED <u>Krishna Russell</u> Krishna Russell		TITLE <u>Production Clerk</u> DATE <u>8/27/2002</u>	
cc: BLM (This space for Federal or State office use)			
APPROVED BY _____ TITLE _____ DATE _____			
CONDITIONS OF APPROVAL, IF ANY:			

* See Instructions On Reverse Side

RECEIVED

AUG 28 2002

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-67845

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

CANVASBACK

8. Well Name and No.

MONUMENT FED 32-22-8-17

9. API Well No.

43-013-31586

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1980 FNL 1980 FEL SW/NE Section 22, T8S R17E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Report of first injection**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above referenced well was put on injection at 12:30 p.m. on 9/25/02.

14. I hereby certify that the foregoing is true and correct.

Signed

Mandie Crozier
Mandie Crozier

Title

Permit Clerk

Date

9/25/2002

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

September 3, 2002

Inland Production Company
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

Re: Canvasback Unit Well: Monument Federal 32-22-8-17, Section 22, Township 8 South, Range 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

John R. Baza
Associate Director

er

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Myton



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
<http://www.epa.gov/region08>

SEP 24 2002

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. David Gerbig
Petroleum Engineer
Inland Production Company
410 Seventeenth Street - Suite 700
Denver, CO 80202

RECEIVED
SEP 26 2002
DIVISION OF
OIL, GAS AND MINING

RE: UNDERGROUND INJECTION CONTROL (UIC)
Authority to Commence Injection
Well Permit No. UT20855-04479
Monument Federal No. 32-22-8-17
Duchesne County, Utah

Dear Mr. Gerbig:

Inland Production Company (Inland) has satisfactorily fulfilled all the Environmental Protection Agency's (EPA) **Prior to Commencing Injection** requirements in the August 18, 2000, Canvasback Final Area Permit, UT20855-00000. The Part I (Internal) Mechanical Integrity Test (MIT), dated August 23, 2002, was received by the EPA on September 4, 2002. The Part I MIT was reviewed and approved by the EPA on September 4, 2002.

The Well Rework Record (EPA Form No. 7520-12) was submitted to the EPA on August 30, 2002. The Well Rework Record was reviewed and approved September 4, 2002.

The pore pressure was submitted to the EPA on August 30, 2002. The pore pressure was reviewed and approved by the EPA on September 4, 2002.

Inland, as of the date of this letter, is authorized to commence injection into the Monument Federal No. 32-22-8-17. There will be no limitation on the number of barrels of water that will be injected into the Green River Formation interval 4222 feet to the top of the Basal Carbonate Member, approximately 6493 feet. Total depth of the Monument Federal No. 32-22-8-17 is 6400 feet in the Douglas Creek Member. Until such time that the permittee demonstrates through a step-rate injectivity test that the fracture gradient is other than 0.69 psi/ft, the Monument Federal No. 32-22-8-17 shall be operated at a **maximum surface injection pressure no greater than 1389 psig.**

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**



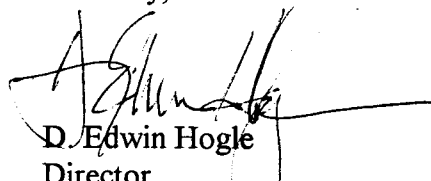
Printed on Recycled Paper

As of this approval, responsibility for Permit compliance and enforcement is transferred to the Region VIII UIC Technical Enforcement Program office. Therefore, please direct all future notification, reporting, monitoring and compliance correspondence to the following address, referencing your well name and UIC Permit number on all correspondence regarding this well:

Mr. Nathan Wiser
Technical Enforcement Program - UIC
U.S. EPA Region VIII: Mail Code 8ENF-T
999-18th Street - Suite 300
Denver, CO 80202-2466
Phone: (800) 227-8917 (Ext. 6211)

Please be reminded that it is your responsibility to be aware of and to comply with all conditions of Permit UT20855-04479. If you have any questions in regard to the above action, please contact Dan Jackson at (800) 227-8917 (Ext. 6155).

Sincerely,



D. Edwin Hogle
Director
Ground Water Program

cc: Mr. D. Floyd Wopsock
Chairman
Uintah & Ouray Business Committee
Ute Indian Tribe

Ms. Elaine Willie
Environmental Director
Ute Indian Tribe

Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency

Mr. Mike Guinn
Inland Production Company
District Engineer
Myton, UT 84502

Mr. Gil Hunt
State of Utah Natural Resources
Division of Oil, Gas, and Mining

Mr. Jerry Kenczka
Bureau of Land Management
Vernal District Office

Mr. Nathan Wiser, 8ENF-T

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1 SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use *APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

OIL WELL ☐ GAS WELL ☐ OTHER ☒ Injection Well

2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NUMBER
Rt. 3 Box 3630, Myton Utah 84052
435-646-3721

4. LOCATION OF WELL

Footages 1980 FNL 1980 FEL

QQ, SEC, T, R, M: SW/NE Section 22, T8S R17E

5. LEASE DESIGNATION AND SERIAL NO.

U-67845

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

N/A

7. UNIT AGREEMENT NAME

CANVASBACK

8. WELL NAME AND NUMBER

MONUMENT FED 32-22-8-17

9. API NUMBER

43-013-31586

10. FIELD AND POOL, OR WILDCAT

MONUMENT BUTTE

COUNTY DUCHESNE

STATE UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

NOTICE OF INTENT:

(Submit in Duplicate)

- ☐ ABANDON ☐ NEW CONSTRUCTION
☐ REPAIR CASING ☐ PULL OR ALTER CASING
☐ CHANGE OF PLANS ☐ RECOMPLETE
☐ CONVERT TO INJECTION ☐ REPERFORATE
☐ FRACTURE TREAT OR ACIDIZE ☐ VENT OR FLARE
☐ MULTIPLE COMPLETION ☐ WATER SHUT OFF
☐ OTHER _____

SUBSEQUENT REPORT OF:

(Submit Original Form Only)

- ☐ ABANDON* ☐ NEW CONSTRUCTION
☐ REPAIR CASING ☐ PULL OR ALTER CASING
☐ CHANGE OF PLANS ☐ RECOMPLETE
☐ CONVERT TO INJECTION ☐ REPERFORATE
☐ FRACTURE TREAT OR ACIDIZE ☐ VENT OR FLARE
☒ OTHER Step Rate Test

DATE WORK COMPLETED _____

Report results of Multiple Completion and Recompletions to different
reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND
LOG form.

*Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)

A step rate test was conducted on the subject well on 3/19/03. Results from the test indicate that the fracture gradient is .686 psi/ft. Therefore, Inland is requesting that the MAIP be changed to 1130 psi. (from 1388)

13.

NAME & SIGNATURE:

Michael Guinn

TITLE

Vice President of Operations

DATE

4/2/2003

(This space for State use only)

4/94

* See Instructions On Reverse Side

COPY SENT TO OPERATOR

DATE: 5-8-03
INITIALS: CMO

Approved by the
Utah Division of
Oil, Gas and Mining

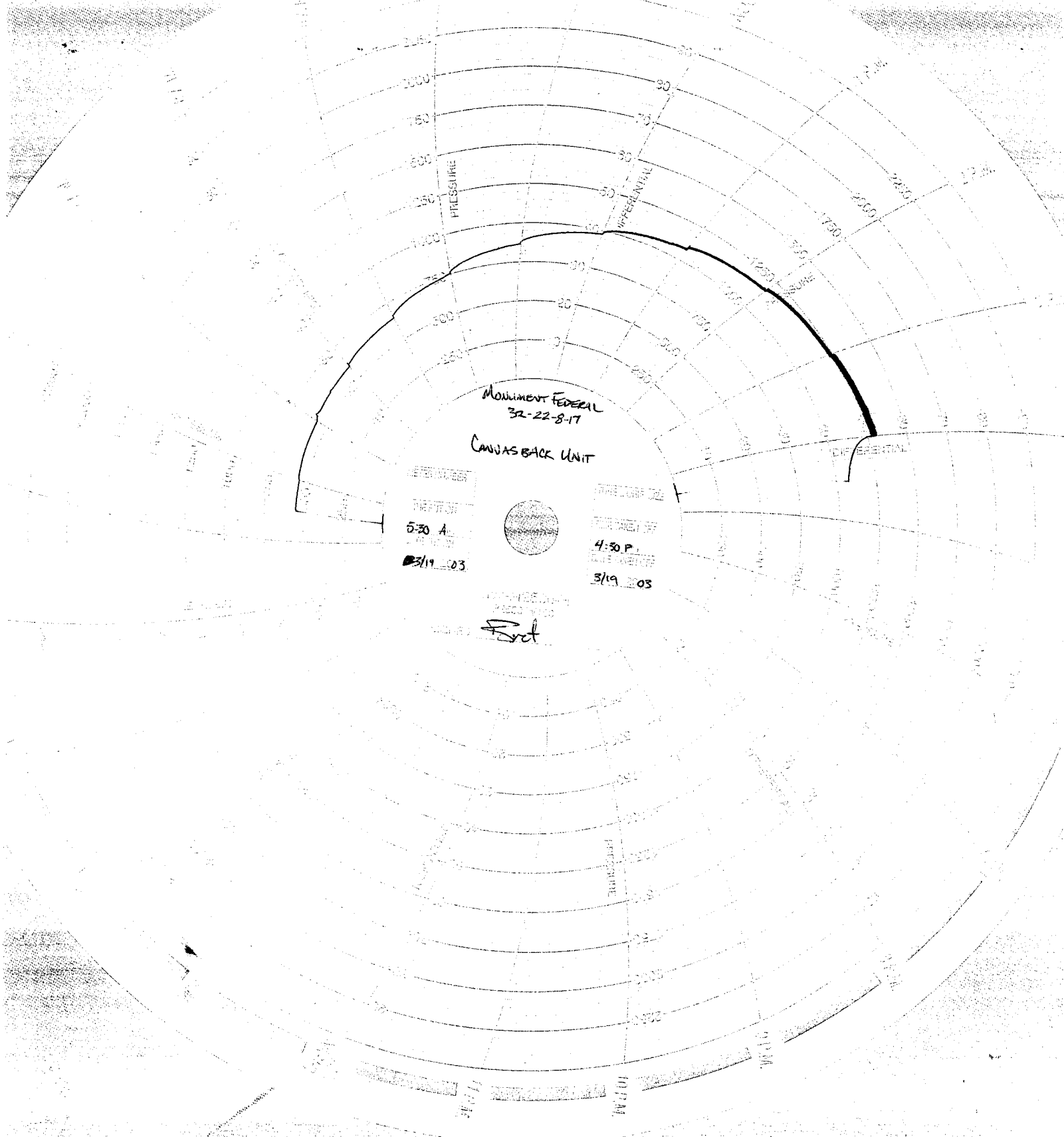
Date: 05-07-03

By: [Signature]

RECEIVED

APR 04 2003

DIV. OF OIL, GAS & MINING



MONUMENT FEDERAL
32-22-8-17

CANVASBACK UNIT

REFERENCE

DEFINITION

5:30 A

3/19/03



DEFINITION

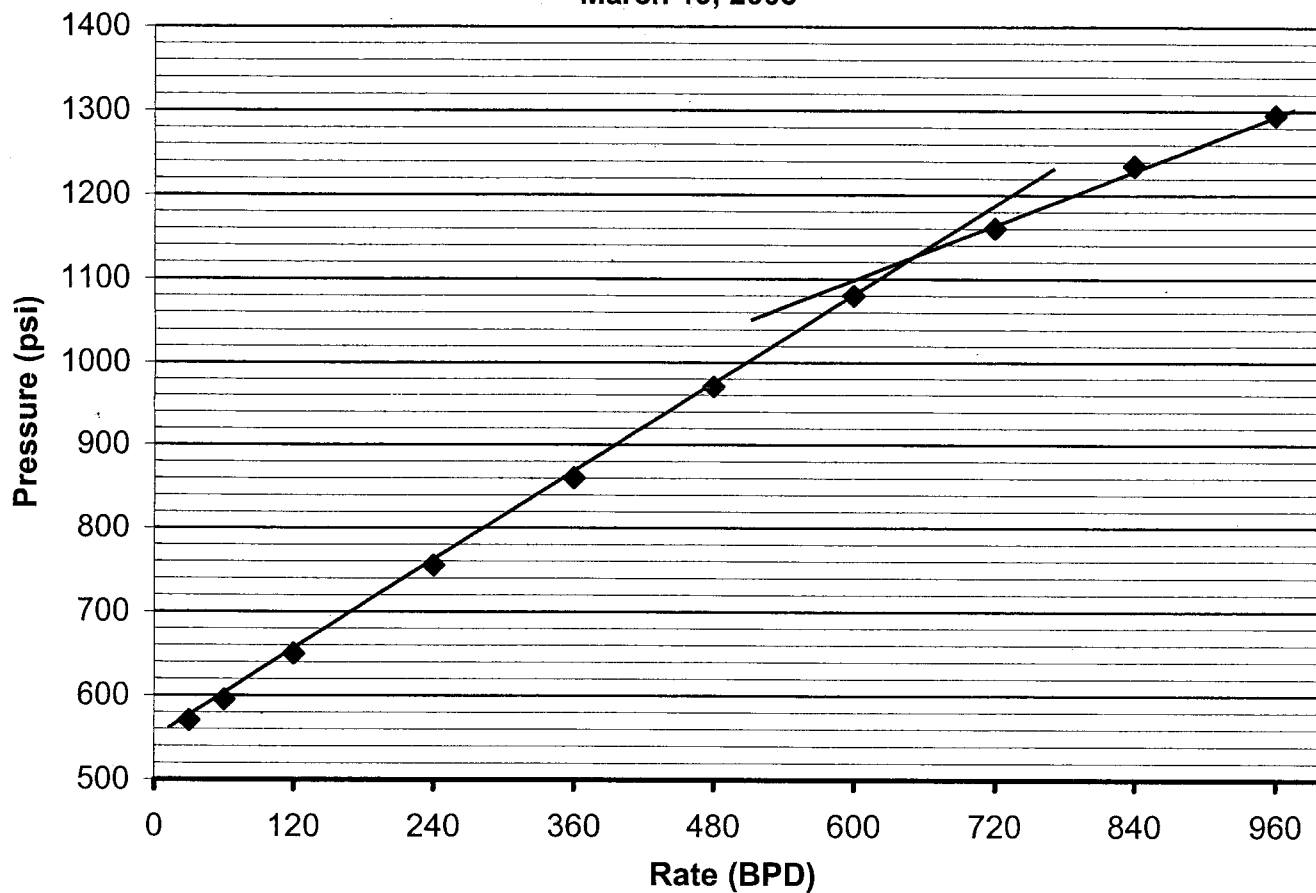
4:30 P

3/19/03

100-1000-1000-1000

First

**Monument Federal 32-22-8-17
Canvasback Unit
Step Rate Test
March 19, 2003**



Start Pressure: 550 psi
Instantaneous Shut In Pressure (ISIP): 1250 psi
Top Perforation: 4501 feet
Fracture pressure (Pfp): 1130 psi
FG: 0.686 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	30	570
2	60	595
3	120	650
4	240	755
5	360	860
6	480	970
7	600	1080
8	720	1160
9	840	1235
10	960	1295



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone:
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by:

Title:

Approval Date:

Comments:

*Note: Indian Country wells will require EPA approval.*RECEIVED
SEP 20 2004

DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.

Unit:

CANVASBACK (GREEN RIVER)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BALCRON FED 12-22Y	22	080S	170E	4301331476	12299	Federal	WI	A
BALCRON MON FED 22-22-8-17Y	22	080S	170E	4301331538	12299	Federal	OW	P
BALCRON MON FED 11-22-8-17Y	22	080S	170E	4301331539	12299	Federal	OW	P
MON FED 13-22-8-17Y	22	080S	170E	4301331583	12299	Federal	OW	S
MON FED 32-22-8-17	22	080S	170E	4301331586	12299	Federal	WI	A
MON FED 31-22-8-17	22	080S	170E	4301331587	12299	Federal	OW	P
MON FED 33-22-8-17	22	080S	170E	4301331588	12299	Federal	OW	P
MON FED 23-22-8-17Y	22	080S	170E	4301331702	12299	Federal	WI	A
PARIETTE DRAW 8-22	22	080S	170E	4301331826	12299	Federal	OW	P
CANVASBACK 13A-22-8-17	22	080S	170E	4301332238	12299	Federal	OW	P
CANVASBACK 14-22-8-17	22	080S	170E	4301332239	12299	Federal	OW	P
CANVASBACK 15-22-8-17	22	080S	170E	4301332240	12299	Federal	OW	P
CANVASBACK 16-22-8-17	22	080S	170E	4301332241	12299	Federal	OW	P
FEDERAL 13-23-8-17	23	080S	170E	4301332340	12299	Federal	OW	P
CANVASBACK 12-23-8-17	23	080S	170E	4301332341	12299	Federal	OW	P
CANVASBACK 4-23-8-17	23	080S	170E	4301332342	12299	Federal	OW	P
CANVASBACK 5-23-8-17	23	080S	170E	4301332343	12299	Federal	OW	P
FEDERAL 14-23-8-17	23	080S	170E	4304734556	12299	Federal	OW	P
CANVASBACK 15-23-8-17	23	080S	170E	4304734557	12299	Federal	D	PA
CANVASBACK 3-23-8-17	23	080S	170E	4304734567	12299	Federal	OW	P

K

K

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU67845

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER ☐ Injection well

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
CANVASBACK UNIT

2. NAME OF OPERATOR:
Newfield Production Company

8. WELL NAME and NUMBER:
MON FED 32-22-8-17

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Mvton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

9. API NUMBER:
4301331586

4. LOCATION OF WELL:

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

FOOTAGES AT SURFACE: 1980 FNL, 1980 FEL

COUNTY: Duchesne

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/NE, 22, T8S, R17E

STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/11/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Step Rate Test	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on March 8, 2005. Results from the test indicate that the fracture gradient is .705 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1215 psi.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

NAME (PLEASE PRINT) Mike Guinn

TITLE Engineer

SIGNATURE

DATE March 11, 2005

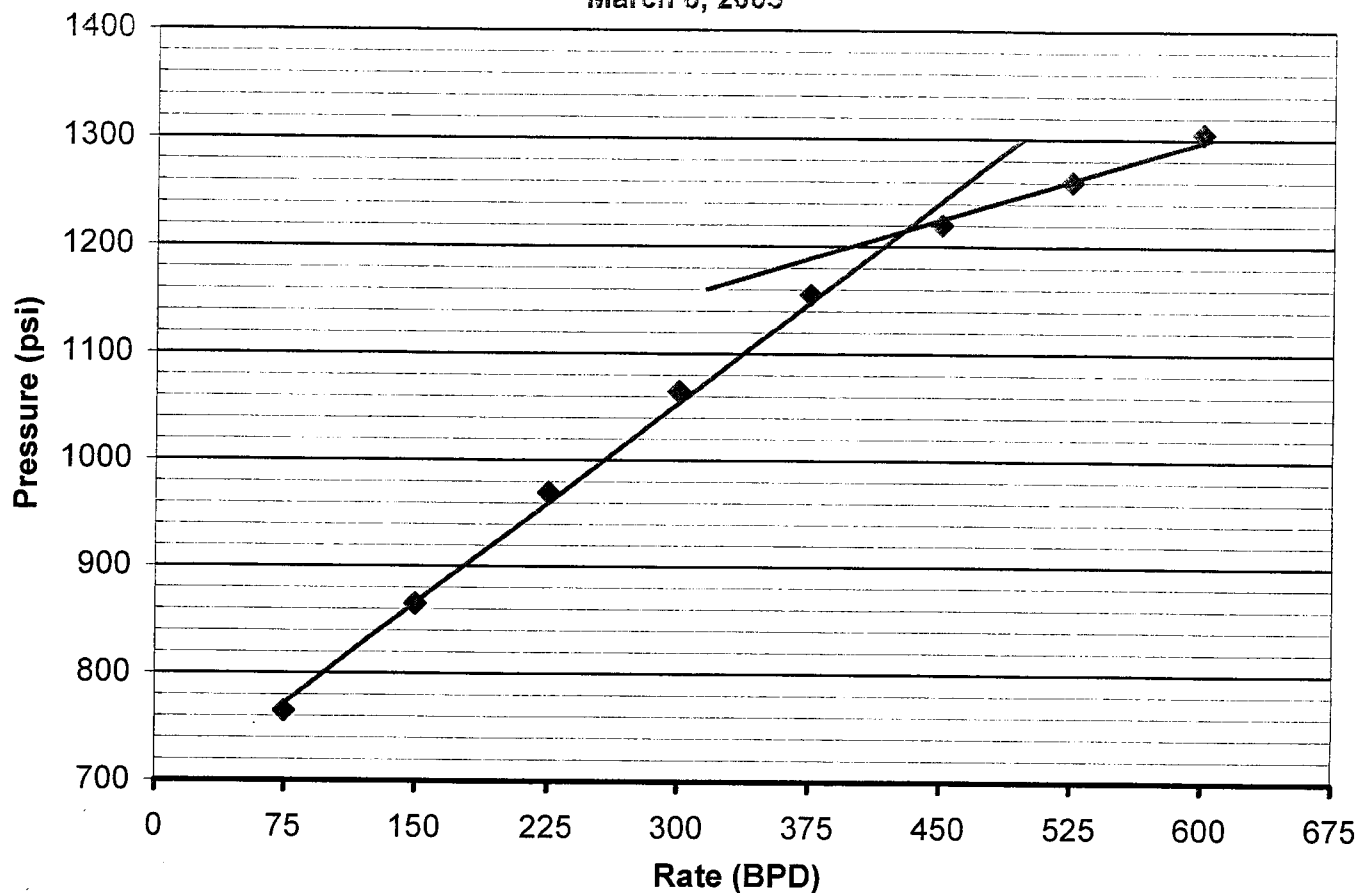
(This space for State use only)

RECEIVED

MAR 16 2005

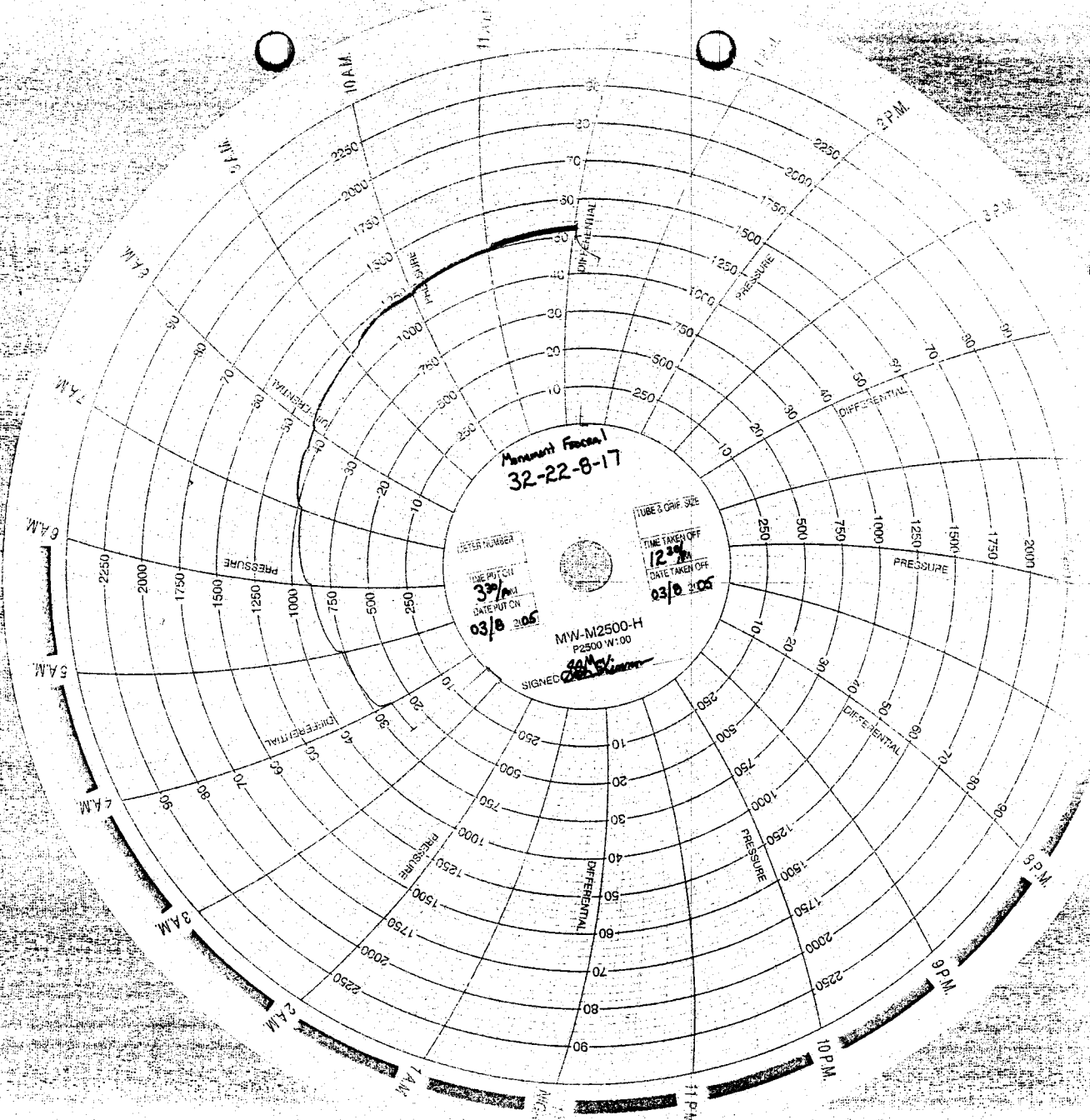
DIV. OF OIL, GAS & MINING

Monument Federal 32-22-3-17
 Canvasback Unit
 Step Rate Test
 March 8, 2005



Start Pressure: 630 psi
 Instantaneous Shut In Pressure (ISIP): 1260 psi
 Top Perforation: 4501 feet
 Fracture pressure (P_{fp}): 1215 psi
 FG: 0.705 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	75	765
2	150	865
3	225	970
4	300	1065
5	375	1155
6	450	1220
7	525	1260
8	600	1305



Manometer Faces
32-22-8-17

TIME PUT ON
3:30 PM
DATE PUT ON
03/8/05

MW-M2500-H
P2500 W:00

SIGNED *[Signature]*

TUBE & GAGE SIZE
TIME TAKEN OFF
12:30 PM
DATE TAKEN OFF
03/8/05

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-67845

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
CANVASBACK UNIT

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:
MON FED 32-22-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331586

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1980 FNL 1980 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 22, T8S, R17E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 08/13/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 5 Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 08/10/07 Nathan Wiser with the EPA was contacted concerning the 5-year MIT on the above listed well. Permission was given at that time to perform the test on 08/09/07. On 08/09/07 the csg was pressured up to 1490 psig and charted for 30 minutes with 0 psi pressure loss. The well was injecting during the test. The tbg pressure was 1140 psig during the test. There was not an EPA representative available to witness the test. EPA# 20855-04479 API# 43-013-31586.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 08/13/2007

(This space for State use only)

RECEIVED
AUG 14 2007
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 08/09/07
Test conducted by: Dale Giles
Others present: _____

Well Name:	<u>Monument Fed. 32-22-8-17</u>	Type:	<u>ER SWD</u>	Status:	<u>AC TA UC</u>
Field:	<u>CanWasback Unit</u>				
Location:	Sec: <u>22</u>	T: <u>8</u>	N: <u>10</u>	R: <u>17</u>	W: <u>County: Duchesne State: UT</u>
Operator:	<u>Newfield Production Co.</u>				
Last MIT:	<u>/</u>	<u>/</u>	Maximum Allowable Pressure:	<u>1215</u>	PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☐ No
Test after well rework? ☐ Yes ☐ No
Well injecting during test? ☒ Yes ☐ No If Yes, rate: 68 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1140</u> psig	psig	psig
End of test pressure	<u>1140</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1490</u> psig	psig	psig
5 minutes	<u>1490</u> psig	psig	psig
10 minutes	<u>1490</u> psig	psig	psig
15 minutes	<u>1490</u> psig	psig	psig
20 minutes	<u>1490</u> psig	psig	psig
25 minutes	<u>1490</u> psig	psig	psig
30 minutes	<u>1490</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

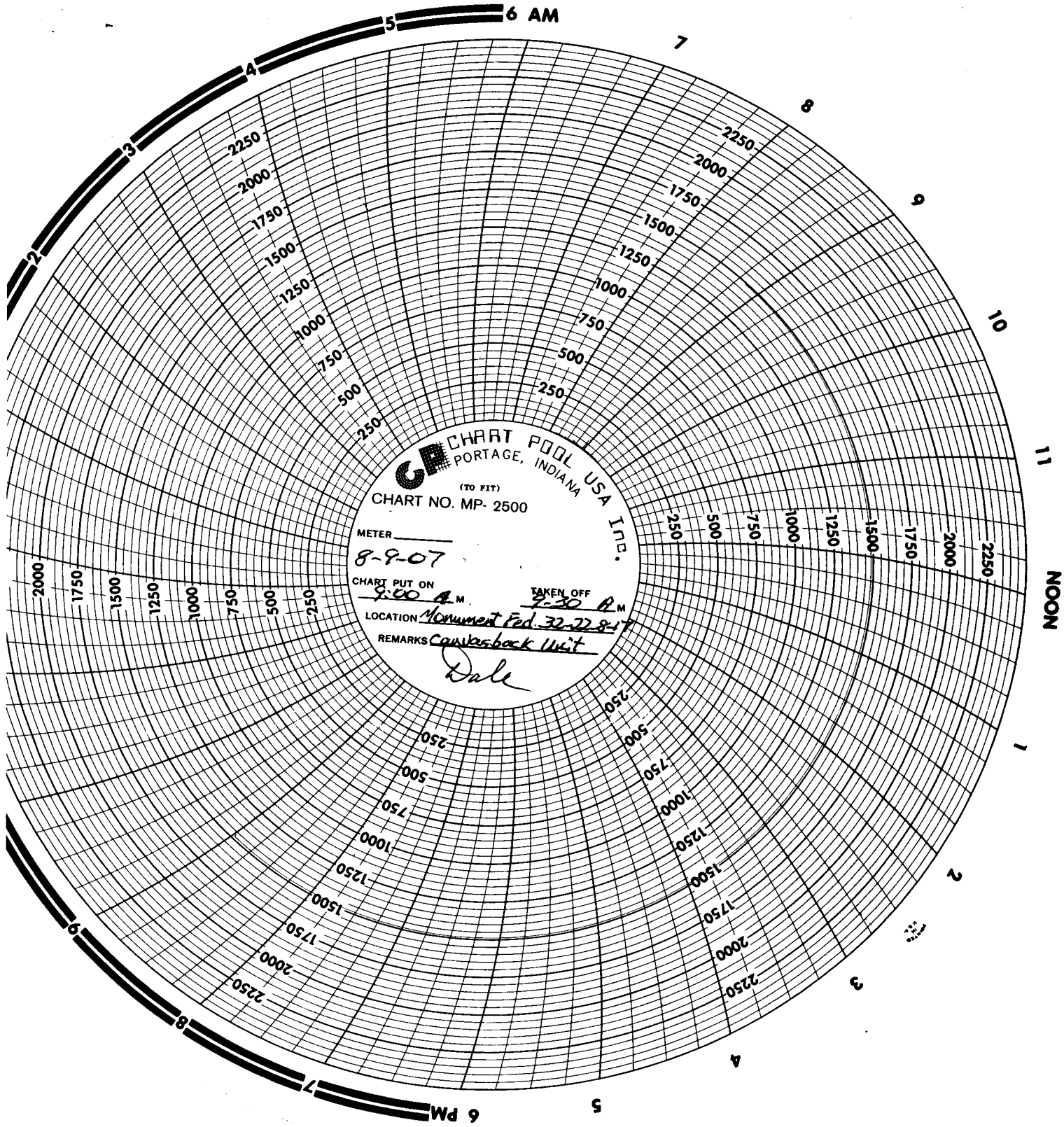


CHART POOL USA INC.
PORTAGE, INDIANA
(TO FIT)
CHART NO. MP- 2500
METER _____
8-9-07
CHART PUT ON 8:00 A.M. TAKEN OFF 9:30 A.M.
LOCATION Monument Fed. 32-22-8-1
REMARKS Canvasback Unit
Dale

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77233
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 32-22-8-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 22 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013315860000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/3/2012	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>On 06/27/2012 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 07/03/2012 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tubing pressure was 1122 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20855-04479</p> </div> <div style="width: 25%; text-align: center;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>July 11, 2012</p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 7/6/2012

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 7/3/12
Test conducted by: Jose Robinson
Others present: _____

Well Name: <u>Monument Federal 32-22-8-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Butte</u>		
Location: <u>SU/NE</u> Sec: <u>22</u> T <u>8</u> N <u>15</u> R <u>17</u> @/W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Kevin Powell</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: <u>1215</u> PSIG	

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☒ Yes ☐ No If Yes, rate: 84 bpd

Pre-test casing/tubing annulus pressure: 0 psig

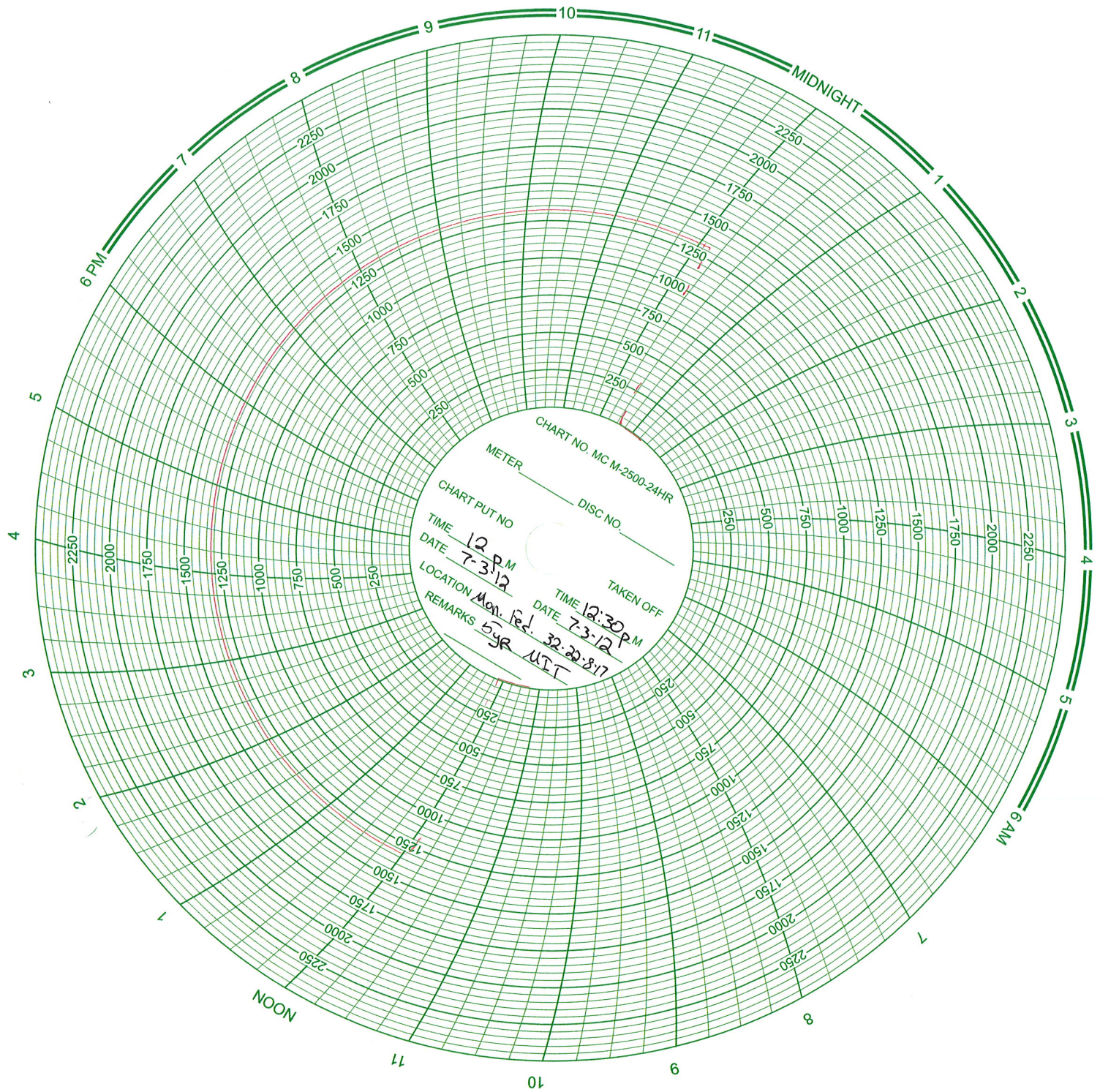
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>1120</u> psig	psig	psig
End of test pressure	<u>1122</u> psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	<u>1325</u> psig	psig	psig
5 minutes	<u>1325</u> psig	psig	psig
10 minutes	<u>1325</u> psig	psig	psig
15 minutes	<u>1325</u> psig	psig	psig
20 minutes	<u>1325</u> psig	psig	psig
25 minutes	<u>1325</u> psig	psig	psig
30 minutes	<u>1325</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77233
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 32-22-8-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 22 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013315860000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/5/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield proposes to Squeeze GG-1 Sand 4501-09' & 4510-13' due to EPA injection well construction requirements. Return to injection.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 24, 2013		
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 6/5/2013	

Monument Federal #32-22-8-17

Spud Date: 5/20/96
 Put on Production: 6/27/96
 Put on Injection:
 GL: 5120' KB: 5130'

Initial Production: 7.1 BOPD,
 0 MCFD, 0.6 BWPD

SURFACE CASING

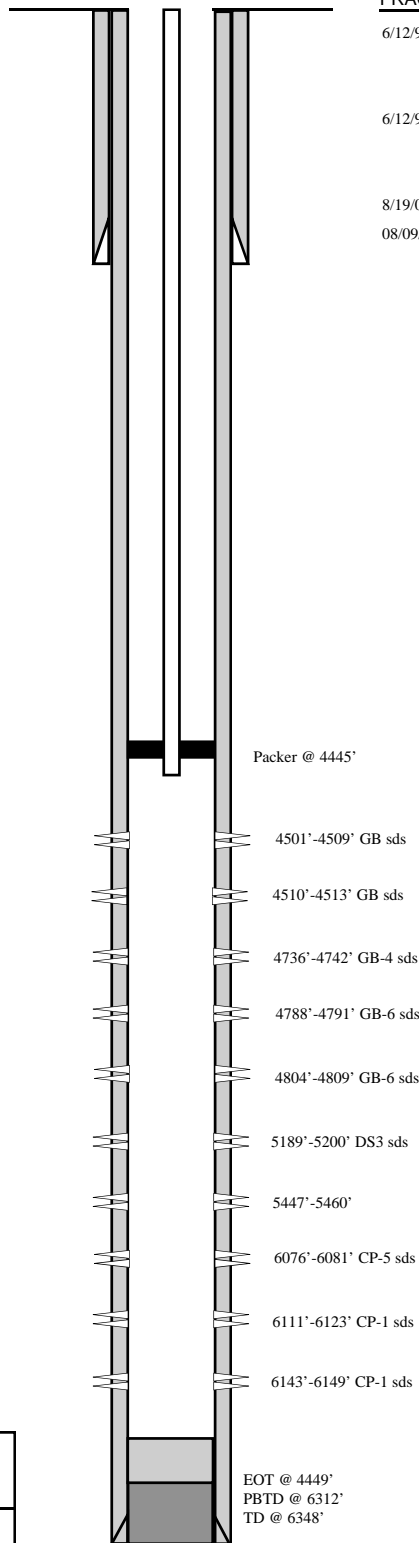
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jts (250.90')
 DEPTH LANDED: 260.90'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx "G" + 2% CaCl + 1/4# sx cello flake

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55 & N-80
 WEIGHT: 15.5#
 DEPTH LANDED: 6358.61'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 220 sk Super "G" & 445 sxs 50/50 POZ.
 CEMENT TOP AT: 1702' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 144 jts (4440.59')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4441.69' KB
 PACKER AT: 4444.90' KB
 TOTAL STRING LENGTH: EOT @ 4449.01' KB

Injection Wellbore
DiagramFRAC JOB

6/12/96	5447'-5460'	Frac as follows: 13,000# 16/30 sand in 222 bbls fluid. Treated @ avg press of 1700 psi w/avg rate of 31.3 BPM. ISIP 1400 psi.
6/12/96	4501'-4513'	Frac as follows: 12,800# 16/30 sand in 228 bbls fluid. Treated @ avg press of 2140 psi w/avg rate of 31.5 BPM.. ISIP 1650 psi.
8/19/02		Convert to injector.
08/09/07		Five year MIT

PERFORATION RECORD

6/12/96	4501-4509'	4 JSPF	48 holes
6/12/96	4510-4513'	4 JSPF	48 holes
6/11/96	5447'-5460'	4 JSPF	52 holes
8/15/02	6143'-6149'	4 JSPF	24 holes
8/15/02	6111'-6123'	4 JSPF	48 holes
8/15/02	6076'-6081'	4 JSPF	20 holes
8/15/02	5189'-5200'	4 JSPF	44 holes
8/15/02	4804'-4809'	4 JSPF	20 holes
8/15/02	4788'-4791'	4 JSPF	12 holes
8/15/02	4736'-4742'	4 JSPF	24 holes



Monument Federal #32-22-8-17
 1980' FNL & 1980' FEL
 SWNE Section 22-T8S-R17E
 Duchesne Co, Utah
 API # 43-013-31586; Lease #U67845

EOT @ 4449'
 PBTD @ 6312'
 TD @ 6348'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77233
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 32-22-8-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 22 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013315860000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/28/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:
		<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text" value="MIT"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well had workover procedures performed (cement squeeze), attached is a daily status report. Workover MIT performed on the above listed well. Halliburton pumped 20 bbls of AnGuard, displace w/ 52 BW w/ pkr fluid. On 08/28/2013 the csg was pressured up to 1000 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbp pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04479

**Accepted by the
Utah Division of
Oil, Gas and Mining**

FOR RECORD ONLY

September 12, 2013

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/6/2013	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 8/28/13
Test conducted by: Dale Giles
Others present: _____

Well Name: <u>Mon. Fed. 32-22-8-17</u>		Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Butte</u>			
Location: <u>SW/NE</u> Sec: <u>22</u> T <u>8</u> N <u>18</u> R <u>17</u> E W		County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>Newfield Production Co.</u>			
Last MIT: <u>1</u>		Maximum Allowable Pressure: <u>1240</u>	PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☒ Yes ☐ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

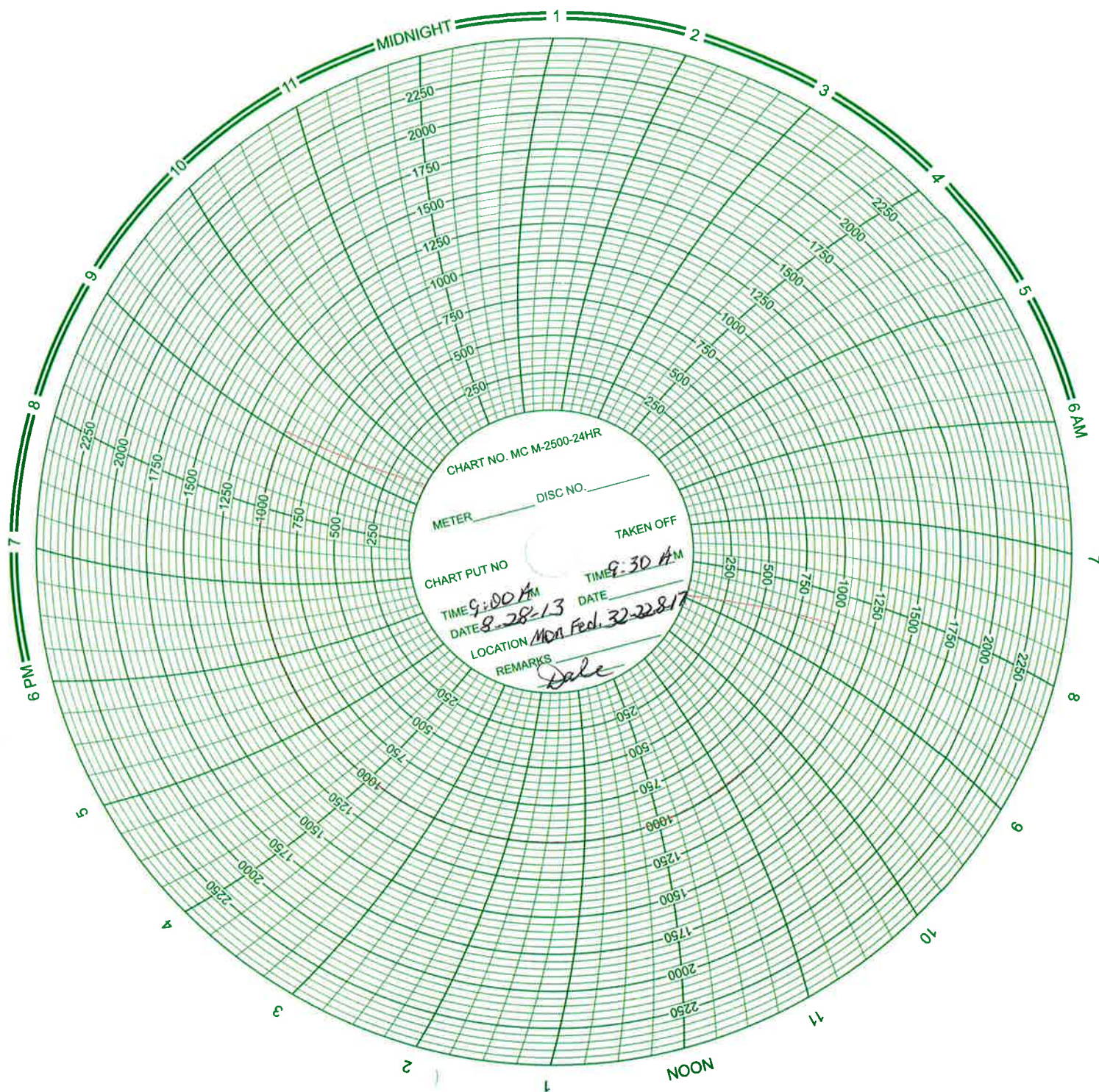
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	<u>1000</u> psig	psig	psig
5 minutes	<u>1000</u> psig	psig	psig
10 minutes	<u>1000</u> psig	psig	psig
15 minutes	<u>1000</u> psig	psig	psig
20 minutes	<u>1000</u> psig	psig	psig
25 minutes	<u>1000</u> psig	psig	psig
30 minutes	<u>1000</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



Daily Activity Report**Format For Sundry****MON 32-22-8-17****6/1/2013 To 10/30/2013****8/16/2013 Day: 1****Major Workover**

NC #3 on 8/16/2013 - MIRU, change drill line. - Rig move 2:30-3:30. Rig up. Change drill line. SDFD. - Rig move 2:30-3:30. Rig up. Change drill line. SDFD. - Rig move 2:30-3:30. Rig up. Change drill line. SDFD.

Daily Cost: \$0**Cumulative Cost:** \$2,395**8/21/2013 Day: 3****Major Workover**

NC #3 on 8/21/2013 - RU pump, wait on cement. - RU cement crew. Had tailgate meeting before performing job Pressure test lines to 4000 psi. Put & held 600 psi on csg. Injection rate of 3 BPM @ 2530 psi. Pump 16.5 bbls of cement into perfs @ 2 BPM @1600 psi, hesitate 3 bbls for 15 min. Push in to help squeeze. Sting out of CICR , LD 1- jt, reverse circulate tbg clean w/ 52 bbls water. RD halliburton. TOH w/ tbg & stinger. WO cement overnight. SDFD. - X-o to tbg eq. NU BOPs. RU rig floor. Unset pkr. TOH w/ 40- jts 2 7/8 tbg. Flush tbg w/ 20 bbls water @250. Cont TOH w/ 104- jts 2 7/8 tbg & pkr. PU & TIH w/ RIB plug. Set RIB @ 4583'. Put 20' of sand on RIB plug. TOH w/ same tbg string. PU & TIH w/ CICR & 144- jts 2 7/8 tbg. Set CICR @ 4432'. Pressure test tbg @ 3000 psi. Good test. Injection rate is .78 bbls @ 1800 psi. SDFD. - X-o to tbg eq. NU BOPs. RU rig floor. Unset pkr. TOH w/ 40- jts 2 7/8 tbg. Flush tbg w/ 20 bbls water @250. Cont TOH w/ 104- jts 2 7/8 tbg & pkr. PU & TIH w/ RIB plug. Set RIB @ 4583'. Put 20' of sand on RIB plug. TOH w/ same tbg string. PU & TIH w/ CICR & 144- jts 2 7/8 tbg. Set CICR @ 4432'. Pressure test tbg @ 3000 psi. Good test. Injection rate is .78 bbls @ 1800 psi. SDFD. - X-o to tbg eq. NU BOPs. RU rig floor. Unset pkr. TOH w/ 40- jts 2 7/8 tbg. Flush tbg w/ 20 bbls water @250. Cont TOH w/ 104- jts 2 7/8 tbg & pkr. PU & TIH w/ RIB plug. Set RIB @ 4583'. Put 20' of sand on RIB plug. TOH w/ same tbg string. PU & TIH w/ CICR & 144- jts 2 7/8 tbg. Set CICR @ 4432'. Pressure test tbg @ 3000 psi. Good test. Injection rate is .78 bbls @ 1800 psi. SDFD. - X-o to tbg eq. NU BOPs. RU rig floor. Unset pkr. TOH w/ 40- jts 2 7/8 tbg. Flush tbg w/ 20 bbls water @250. Cont TOH w/ 104- jts 2 7/8 tbg & pkr. PU & TIH w/ RIB plug. Set RIB @ 4583'. Put 20' of sand on RIB plug. TOH w/ same tbg string. PU & TIH w/ CICR & 144- jts 2 7/8 tbg. Set CICR @ 4432'. Pressure test tbg @ 3000 psi. Good test. Injection rate is .78 bbls @ 1800 psi. SDFD. - RU pump. Wait on Halliberton. Hallibertons pump truck broke down. Crew doing maintance on rig. Greased rig & pump. Put new brake band on tbg tongs. Scrubbed rig. SDFD. - RU pump. Wait on Halliberton. Hallibertons pump truck broke down. Crew doing maintance on rig. Greased rig & pump. Put new brake band on tbg tongs. Scrubbed rig. SDFD. - RU pump. Wait on Halliberton. Hallibertons pump truck broke down. Crew doing maintance on rig. Greased rig & pump. Put new brake band on tbg tongs. Scrubbed rig. SDFD. - RU pump. Wait on Halliberton. Hallibertons pump truck broke down. Crew doing maintance on rig. Greased rig & pump. Put new brake band on tbg tongs. Scrubbed rig. SDFD. - RU cement crew. Had tailgate meeting before performing job Pressure test lines to 4000 psi. Put & held 600 psi on csg. Injection rate of 3 BPM @ 2530 psi. Pump 16.5 bbls of cement into perfs @ 2 BPM @1600 psi, hesitate 3 bbls for 15 min. Push in to help squeeze. Sting out of CICR , LD 1- jt, reverse circulate tbg clean w/ 52 bbls water. RD halliburton. TOH w/ tbg & stinger. WO cement overnight. SDFD. - RU cement crew. Had tailgate meeting before performing job Pressure test lines to 4000 psi. Put & held 600 psi on csg. Injection rate of 3 BPM @ 2530 psi. Pump 16.5 bbls of cement into perfs @ 2 BPM @1600 psi, hesitate 3 bbls for 15 min. Push in to help squeeze. Sting out of CICR , LD 1- jt, reverse circulate tbg clean w/ 52 bbls water. RD halliburton. TOH w/ tbg & stinger. WO cement overnight. SDFD. - RU cement crew. Had tailgate meeting before

<http://www.inewfld.com/denver/SumActRpt.asp?RC=152861&API=4301331586&MinDa...> 8/30/2013

new brake band on tbg tongs. Scrubbed rig. SDFD. - RU pump. Wait on Halliberton. Hallibertons pump truck broke down. Crew doing maintance on rig. Greased rig & pump. Put new brake band on tbg tongs. Scrubbed rig. SDFD. - X-o to tbg eq. NU BOPs. RU rig floor. Unset pkr. TOH w/ 40- jts 2 7/8 tbg. Flush tbg w/ 20 bbls water @250. Cont TOH w/ 104- jts 2 7/8 tbg & pkr. PU & TIH w/ RIB plug. Set RIB @ 4583'. Put 20' of sand on RIB plug. TOH w/ same tbg string. PU & TIH w/ CICR & 144- jts 2 7/8 tbg. Set CICR @ 4432'. Pressure test tbg @ 3000 psi. Good test. Injection rate is .78 bbls @ 1800 psi. SDFD. - X-o to tbg eq. NU BOPs. RU rig floor. Unset pkr. TOH w/ 40- jts 2 7/8 tbg. Flush tbg w/ 20 bbls water @250. Cont TOH w/ 104- jts 2 7/8 tbg & pkr. PU & TIH w/ RIB plug. Set RIB @ 4583'. Put 20' of sand on RIB plug. TOH w/ same tbg string. PU & TIH w/ CICR & 144- jts 2 7/8 tbg. Set CICR @ 4432'. Pressure test tbg @ 3000 psi. Good test. Injection rate is .78 bbls @ 1800 psi. SDFD. - X-o to tbg eq. NU BOPs. RU rig floor. Unset pkr. TOH w/ 40- jts 2 7/8 tbg. Flush tbg w/ 20 bbls water @250. Cont TOH w/ 104- jts 2 7/8 tbg & pkr. PU & TIH w/ RIB plug. Set RIB @ 4583'. Put 20' of sand on RIB plug. TOH w/ same tbg string. PU & TIH w/ CICR & 144- jts 2 7/8 tbg. Set CICR @ 4432'. Pressure test tbg @ 3000 psi. Good test. Injection rate is .78 bbls @ 1800 psi. SDFD. - X-o to tbg eq. NU BOPs. RU rig floor. Unset pkr. TOH w/ 40- jts 2 7/8 tbg. Flush tbg w/ 20 bbls water @250. Cont TOH w/ 104- jts 2 7/8 tbg & pkr. PU & TIH w/ RIB plug. Set RIB @ 4583'. Put 20' of sand on RIB plug. TOH w/ same tbg string. PU & TIH w/ CICR & 144- jts 2 7/8 tbg. Set CICR @ 4432'. Pressure test tbg @ 3000 psi. Good test. Injection rate is .78 bbls @ 1800 psi. SDFD. - RU cement crew. Had tailgate meeting before performing job Pressure test lines to 4000 psi. Put & held 600 psi on csg. Injection rate of 3 BPM @ 2530 psi. Pump 16.5 bbls of cement into perfs @ 2 BPM @1600 psi, hesitate 3 bbls for 15 min. Push in to help squeeze. Sting out of CICR , LD 1- jt, reverse circulate tbg clean w/ 52 bbls water. RD halliburton. TOH w/ tbg & stinger. WO cement overnight. SDFD. - RU cement crew. Had tailgate meeting before performing job Pressure test lines to 4000 psi. Put & held 600 psi on csg. Injection rate of 3 BPM @ 2530 psi. Pump 16.5 bbls of cement into perfs @ 2 BPM @1600 psi, hesitate 3 bbls for 15 min. Push in to help squeeze. Sting out of CICR , LD 1- jt, reverse circulate tbg clean w/ 52 bbls water. RD halliburton. TOH w/ tbg & stinger. WO cement overnight. SDFD. - RU cement crew. Had tailgate meeting before performing job Pressure test lines to 4000 psi. Put & held 600 psi on csg. Injection rate of 3 BPM @ 2530 psi. Pump 16.5 bbls of cement into perfs @ 2 BPM @1600 psi, hesitate 3 bbls for 15 min. Push in to help squeeze. Sting out of CICR , LD 1- jt, reverse circulate tbg clean w/ 52 bbls water. RD halliburton. TOH w/ tbg & stinger. WO cement overnight. SDFD.

Daily Cost: \$0**Cumulative Cost:** \$16,096**8/22/2013 Day: 5****Major Workover**

NC #3 on 8/22/2013 - PU & TIH w/ tbg. - PU & TIH w/ 4 3/4 metal muncher bit & tbg string. Tag top of cement @ 4394'. PU power swivel & clean out cement. Had 30' of cement to drill through. Tag CICR @4425'. Started drilling on CICR @12:00. Drilled out CICR @ 2:30. PU 3- jts of tbg w/ swivel, cleaning out cement. Circulated hole clean for 30 min. TOH w/ 1- jt on swivel. SWI. SDFD. - PU & TIH w/ 4 3/4 metal muncher bit & tbg string. Tag top of cement @ 4394'. PU power swivel & clean out cement. Had 30' of cement to drill through. Tag CICR @4425'. Started drilling on CICR @12:00. Drilled out CICR @ 2:30. PU 3- jts of tbg w/ swivel, cleaning out cement. Circulated hole clean for 30 min. TOH w/ 1- jt on swivel. SWI. SDFD. - PU & TIH w/ 4 3/4 metal muncher bit & tbg string. Tag top of cement @ 4394'. PU power swivel & clean out cement. Had 30' of cement to drill through. Tag CICR @4425'. Started drilling on CICR @12:00. Drilled out CICR @ 2:30. PU 3- jts of tbg w/ swivel, cleaning out cement. Circulated hole clean for 30 min. TOH w/ 1- jt on swivel. SWI. SDFD.

Daily Cost: \$0**Cumulative Cost:** \$44,684**8/23/2013 Day: 6****Major Workover**

NC #3 on 8/23/2013 - Cont. to drill out cement. - c/travel 5:30-6:00. PU & TIH w/ 1- jt w/ swivel & cont. to clean out cement. Cleaned out 115' total cement. Break out swivel. Pressure test squeeze to 1500 psi & held @ 900 psi for 15 min. Tag sand @ 4555'. Pull up and circulate hole clean. TOH w/ 152- jts 2 7/8 tbg & bit. LD bit & bit sub, TIH w/ RBP retrieving tool & tbg. Circulate sand off of plug. Attempt to latch on to plug. Could not latch onto plug. TOH w/ tbg to inspect retrieving tool. Retrieving tool had a piece of the plug stuck in it. TIH w/ tbg & retrieving tool for kill string. SDFD @ 6:30. c/travel 6:30- 7:00. - c/travel 5:30-6:00. PU & TIH w/ 1- jt w/ swivel & cont. to clean out cement. Cleaned out 115' total cement. Break out swivel. Pressure test squeeze to 1500 psi & held @ 900 psi for 15 min. Tag sand @ 4555'. Pull up and circulate hole clean. TOH w/ 152- jts 2 7/8 tbg & bit. LD bit & bit sub, TIH w/ RBP retrieving tool & tbg. Circulate sand off of plug. Attempt to latch on to plug. Could not latch onto plug. TOH w/ tbg to inspect retrieving tool. Retrieving tool had a piece of the plug stuck in it. TIH w/ tbg & retrieving tool for kill string. SDFD @ 6:30. c/travel 6:30- 7:00. - c/travel 5:30-6:00. PU & TIH w/ 1- jt w/ swivel & cont. to clean out cement. Cleaned out 115' total cement. Break out swivel. Pressure test squeeze to 1500 psi & held @ 900 psi for 15 min. Tag sand @ 4555'. Pull up and circulate hole clean. TOH w/ 152- jts 2 7/8 tbg & bit. LD bit & bit sub, TIH w/ RBP retrieving tool & tbg. Circulate sand off of plug. Attempt to latch on to plug. Could not latch onto plug. TOH w/ tbg to inspect retrieving tool. Retrieving tool had a piece of the plug stuck in it. TIH w/ tbg & retrieving tool for kill string. SDFD @ 6:30. c/travel 6:30- 7:00.

Daily Cost: \$0

Cumulative Cost: \$51,799

8/27/2013 Day: 8

Major Workover

NC #3 on 8/27/2013 - Pmp AnGuird, Psr Tst Csg, R/D M/O NC#3 - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, Wait On Halliburton To Pmp AnGuird, R/U Halliburton, Hold Safety Meeting, R/U Rig Pmp & Make Sure hole Is Full, Start Pmp Job, Pmp 20bbls AnGuird, Displace W/ 52BW W/ Pkr Fluid Added, R/D Halliburton, N/D W/H-D, P/U & Set Pkr In 17k# Tension, L/D 6' Tbg Sub, P/U Injection Tree, N/U W/H-D, P/U Preferred H/Oiler To Csg, Psr Up To 1500psi, Psr Bleed Off To 1110psi & Held For One Hour(Good Tst,) R/D & M/O NC#3 @ 2:00PM. Ready For MIT Final Report - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, Wait On Halliburton To Pmp AnGuird, R/U Halliburton, Hold Safety Meeting, R/U Rig Pmp & Make Sure hole Is Full, Start Pmp Job, Pmp 20bbls AnGuird, Displace W/ 52BW W/ Pkr Fluid Added, R/D Halliburton, N/D W/H-D, P/U & Set Pkr In 17k# Tension, L/D 6' Tbg Sub, P/U Injection Tree, N/U W/H-D, P/U Preferred H/Oiler To Csg, Psr Up To 1500psi, Psr Bleed Off To 1110psi & Held For One Hour(Good Tst,) R/D & M/O NC#3 @ 2:00PM. Ready For MIT Final Report - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TIH To Latch Onto RBP, R/U Wash Stand, Wash Down To RBP, Circulate Hole Clean, Latch Onto RBP & Release, Hole On Vac, Pmp To Get Circ, Circulate hole Clean, TOOH W/ RBP, L/D RBP, P/U & RIH W/ Guide Collar, X/N Nipple, 4' Tbg Sub, X/O, Weatherford Arrow Set Pkr, On/Off Tool, S/N, & 152jts Tbg, Pmp 15bbl Pad, Drop S/Vlve, Pmp 35BW, S/Vlve Would Not Seat, R/U S/Lne, P/U & RIH To Push S/Vlve, Stuck @ 1250', Work To Move Down W/No Luck, POOH W/ S/Lne, TOOH W/ Tbg, Find S/Vlve, L/D Jt & Remove S/Vlve, R/U 2 7/8 Swab Cup & Swab Hole Clean, S/Vlve Stuck In Tbg W/Rubber Off CIGR, Remove, Pmp 5BW Pad, Drop S/Vlve, Push To S/N W/ S/Lne, Psr Up To 3000psi, TIH W/ Pkr, Fill Tbg & Psr Tst To 3000psi, Bleed Off To 2800psi, Bump Back Up To 3000psi, Held 2990psi For 1 Hour, R/U S/Lne W/ Fishing Tool, P/U & RIH, Fish S/Vle, POOH & R/D S/Lne, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, N/U W/H-D, SWI, 7:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, Wait On Halliburton To Pmp AnGuird, R/U Halliburton, Hold Safety Meeting, R/U Rig Pmp & Make Sure hole Is Full, Start Pmp Job, Pmp 20bbls AnGuird, Displace W/ 52BW W/ Pkr Fluid Added, R/D Halliburton, N/D W/H-D, P/U & Set Pkr In 17k# Tension, L/D 6' Tbg Sub, P/U Injection Tree, N/U W/H-D, P/U Preferred H/Oiler To Csg, Psr Up To 1500psi, Psr Bleed Off To 1110psi & Held For One Hour(Good Tst,) R/D & M/O NC#3 @ 2:00PM. Ready For MIT Final Report - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TIH To Latch

Onto RBP, R/U Wash Stand, Wash Down To RBP, Circulate Hole Clean, Latch Onto RBP & Release, Hole On Vac, Pmp To Get Circ, Circulate hole Clean, TOO H W/ RBP, L/D RBP, P/U & RIH W/ Guide Collar, X/N Nipple, 4' Tbg Sub, X/O, Weatherford Arrow Set Pkr, On/Off Tool, S/N, & 152jts Tbg, Pmp 15bbl Pad, Drop S/Vlve, Pmp 35BW, S/Vlve Would Not Seat, R/U S/Lne, P/U & RIH To Push S/Vlve, Stuck @ 1250', Work To Move Down W/No Luck, POOH W/ S/Lne, TOO H W/ Tbg, Find S/Vlve, L/D Jt & Remove S/Vlve, R/U 2 7/8 Swab Cup & Swab Hole Clean, S/Vlve Stuck In Tbg W/Rubber Off CIRC, Remove, Pmp 5BW Pad, Drop S/Vlve, Push To S/N W/ S/Lne, Psr Up To 3000psi, TIH W/ Pkr, Fill Tbg & Psr Tst To 3000psi, Bleed Off To 2800psi, Bump Back Up To 3000psi, Held 2990psi For 1 Hour, R/U S/Lne W/ Fishing Tool, P/U & RIH, Fish S/Vle, POOH & R/D S/Lne, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, N/U W/H-D, SWI, 7:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, Wait On Halliburton To Pmp AnGuird, R/U Halliburton, Hold Safety Meeting, R/U Rig Pmp & Make Sure hole Is Full, Start Pmp Job, Pmp 20bbls AnGuird, Displace W/ 52BW W/ Pkr Fluid Added, R/D Halliburton, N/D W/H-D, P/U & Set Pkr In 17k# Tension, L/D 6' Tbg Sub, P/U Injection Tree, N/U W/H-D, P/U Preferred H/Oiler To Csg, Psr Up To 1500psi, Psr Bleed Off To 1110psi & Held For One Hour(Good Tst,) R/D & M/O NC#3 @ 2:00PM. Ready For MIT Final Report - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, Wait On Halliburton To Pmp AnGuird, R/U Halliburton, Hold Safety Meeting, R/U Rig Pmp & Make Sure hole Is Full, Start Pmp Job, Pmp 20bbls AnGuird, Displace W/ 52BW W/ Pkr Fluid Added, R/D Halliburton, N/D W/H-D, P/U & Set Pkr In 17k# Tension, L/D 6' Tbg Sub, P/U Injection Tree, N/U W/H-D, P/U Preferred H/Oiler To Csg, Psr Up To 1500psi, Psr Bleed Off To 1110psi & Held For One Hour(Good Tst,) R/D & M/O NC#3 @ 2:00PM. Ready For MIT Final Report - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TIH To Latch Onto RBP, R/U Wash Stand, Wash Down To RBP, Circulate Hole Clean, Latch Onto RBP & Release, Hole On Vac, Pmp To Get Circ, Circulate hole Clean, TOO H W/ RBP, L/D RBP, P/U & RIH W/ Guide Collar, X/N Nipple, 4' Tbg Sub, X/O, Weatherford Arrow Set Pkr, On/Off Tool, S/N, & 152jts Tbg, Pmp 15bbl Pad, Drop S/Vlve, Pmp 35BW, S/Vlve Would Not Seat, R/U S/Lne, P/U & RIH To Push S/Vlve, Stuck @ 1250', Work To Move Down W/No Luck, POOH W/ S/Lne, TOO H W/ Tbg, Find S/Vlve, L/D Jt & Remove S/Vlve, R/U 2 7/8 Swab Cup & Swab Hole Clean, S/Vlve Stuck In Tbg W/Rubber Off CIRC, Remove, Pmp 5BW Pad, Drop S/Vlve, Push To S/N W/ S/Lne, Psr Up To 3000psi, TIH W/ Pkr, Fill Tbg & Psr Tst To 3000psi, Bleed Off To 2800psi, Bump Back Up To 3000psi, Held 2990psi For 1 Hour, R/U S/Lne W/ Fishing Tool, P/U & RIH, Fish S/Vle, POOH & R/D S/Lne, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, N/U W/H-D, SWI, 7:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TIH To Latch Onto RBP, R/U Wash Stand, Wash Down To RBP, Circulate Hole Clean, Latch Onto RBP & Release, Hole On Vac, Pmp To Get Circ, Circulate hole Clean, TOO H W/ RBP, L/D RBP, P/U & RIH W/ Guide Collar, X/N Nipple, 4' Tbg Sub, X/O, Weatherford Arrow Set Pkr, On/Off Tool, S/N, & 152jts Tbg, Pmp 15bbl Pad, Drop S/Vlve, Pmp 35BW, S/Vlve Would Not Seat, R/U S/Lne, P/U & RIH To Push S/Vlve, Stuck @ 1250', Work To Move Down W/No Luck, POOH W/ S/Lne, TOO H W/ Tbg, Find S/Vlve, L/D Jt & Remove S/Vlve, R/U 2 7/8 Swab Cup & Swab Hole Clean, S/Vlve Stuck In Tbg W/Rubber Off CIRC, Remove, Pmp 5BW Pad, Drop S/Vlve, Push To S/N W/ S/Lne, Psr Up To 3000psi, TIH W/ Pkr, Fill Tbg & Psr Tst To 3000psi, Bleed Off To 2800psi, Bump Back Up To 3000psi, Held 2990psi For 1 Hour, R/U S/Lne W/ Fishing Tool, P/U & RIH, Fish S/Vle, POOH & R/D S/Lne, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, N/U W/H-D, SWI, 7:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, Wait On Halliburton To Pmp AnGuird, R/U Halliburton, Hold Safety Meeting, R/U Rig Pmp & Make Sure hole Is Full, Start Pmp Job, Pmp 20bbls AnGuird, Displace W/ 52BW W/ Pkr Fluid Added, R/D Halliburton, N/D W/H-D, P/U & Set Pkr In 17k# Tension, L/D 6' Tbg Sub, P/U Injection Tree, N/U W/H-D, P/U Preferred H/Oiler To Csg, Psr Up To 1500psi, Psr Bleed Off To 1110psi & Held For One Hour(Good Tst,) R/D & M/O NC#3 @ 2:00PM. Ready For MIT Final Report - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TIH To Latch Onto RBP, R/U Wash Stand, Wash Down To RBP, Circulate Hole Clean, Latch Onto RBP & Release, Hole On Vac, Pmp To Get Circ, Circulate hole Clean, TOO H W/ RBP, L/D RBP, P/U & RIH W/ Guide Collar, X/N Nipple, 4' Tbg Sub, X/O, Weatherford Arrow Set Pkr, On/Off Tool, S/N, & 152jts Tbg, Pmp 15bbl Pad, Drop S/Vlve, Pmp 35BW, S/Vlve Would Not Seat, R/U S/Lne, P/U & RIH To Push S/Vlve, Stuck @ 1250', Work To Move Down W/No Luck, POOH W/ S/Lne, TOO H W/ Tbg, Find S/Vlve, L/D Jt & Remove S/Vlve, R/U 2 7/8 Swab Cup & Swab Hole

Clean, S/Vlve Stuck In Tbg W/Rubber Off CICR, Remove, Pmp 5BW Pad, Drop S/Vlve, Push To S/N W/ S/Lne, Psr Up To 3000psi, TIH W/ Pkr, Fill Tbg & Psr Tst To 3000psi, Bleed Off To 2800psi, Bump Back Up To 3000psi, Held 2990psi For 1 Hour, R/U S/Lne W/ Fishing Tool, P/U & RIH, Fish S/Vlve, POOH & R/D S/Lne, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, N/U W/H-D, SWI, 7:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TIH To Latch Onto RBP, R/U Wash Stand, Wash Down To RBP, Circulate Hole Clean, Latch Onto RBP & Release, Hole On Vac, Pmp To Get Circ, Circulate hole Clean, TOO H W/ RBP, L/D RBP, P/U & RIH W/ Guide Collar, X/N Nipple, 4' Tbg Sub, X/O, Weatherford Arrow Set Pkr, On/Off Tool, S/N, & 152jts Tbg, Pmp 15bbl Pad, Drop S/Vlve, Pmp 35BW, S/Vlve Would Not Seat, R/U S/Lne, P/U & RIH To Push S/Vlve, Stuck @ 1250', Work To Move Down W/No Luck, POOH W/ S/Lne, TOO H W/ Tbg, Find S/Vlve, L/D Jt & Remove S/Vlve, R/U 2 7/8 Swab Cup & Swab Hole Clean, S/Vlve Stuck In Tbg W/Rubber Off CICR, Remove, Pmp 5BW Pad, Drop S/Vlve, Push To S/N W/ S/Lne, Psr Up To 3000psi, TIH W/ Pkr, Fill Tbg & Psr Tst To 3000psi, Bleed Off To 2800psi, Bump Back Up To 3000psi, Held 2990psi For 1 Hour, R/U S/Lne W/ Fishing Tool, P/U & RIH, Fish S/Vlve, POOH & R/D S/Lne, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, N/U W/H-D, SWI, 7:30PM CSDFN, 6:30PM-7:00PM C/Tvl

Daily Cost: \$0

Cumulative Cost: \$87,295

8/29/2013 Day: 9**Major Workover**

Rigless on 8/29/2013 - Conduct MIT - Workover MIT performed on the above listed well. On 08/28/2013 the csg was pressured up to 1000 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04479 - Workover MIT performed on the above listed well. On 08/28/2013 the csg was pressured up to 1000 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04479 - Workover MIT performed on the above listed well. On 08/28/2013 the csg was pressured up to 1000 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04479

Daily Cost: \$0

Cumulative Cost: \$88,195

Pertinent Files: [Go to File List](#)

Spud Date: 5/20/96
 Put on Production: 6/27/96
 Put on Injection: 09/25/02
 GL: 5120' KB: 5130'

Monument Federal 32-22-8-17

Initial Production: 7.1 BOPD,
 0 MCFD, 0.6 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jts (250.90')
 DEPTH LANDED: 260.90'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx "G" + 2% CaCl + 1/4# sx cello flake

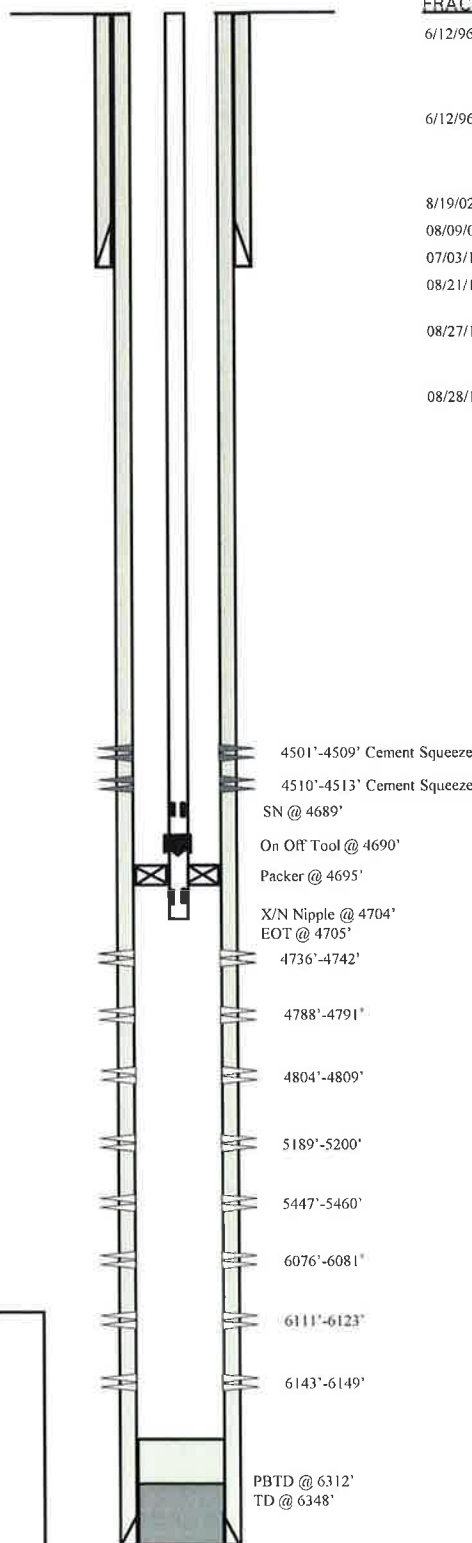
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55 & N-80
 WEIGHT: 15.5#
 DEPTH LANDED: 6358.61'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 220 sk Super "G" & 445 sxs 50/50 POZ.
 CEMENT TOP AT: 1702' per CBL

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 152 jts (4679')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4689' KB
 ON/OFF TOOL AT: 4690.1'
 ARROW #1 PACKER CE AT: 4695'
 XO 2-3/8 x 2-7/8 J-55 AT: 4699.1'
 TBG PUP 2-3/8 J-55 AT: 4699.6'
 X/N NIPPLE AT: 4703.7'
 TOTAL STRING LENGTH: EOT @ 4705.28'

Injection Wellbore
 Diagram



FRAC JOB

6/12/96 5447'-5460' **Frac as follows:**
 13,000# 16/30 sand in 222 bbls fluid.
 Treated @ avg press of 1700 psi w/avg
 rate of 3 l 3 BPM. ISIP 1400 psi.

6/12/96 4501'-4513' **Frac as follows:**
 12,800# 16/30 sand in 228 bbls fluid.
 Treated @ avg press of 2140 psi w/avg
 rate of 3 l 5 BPM. ISIP 1650 psi.

8/19/02 **Convert to injector**
 08/09/07 **Five year MIT**
 07/03/12 **5 YR MIT**
 08/21/13 4501'-4513' **Workover - Cement Squeeze** - pump
 16.5 bbls of cement into perfs

08/27/13 **Anguard**
 Halliburton pumped 20 bbls of
 AnGuard, displace w/ 52 BW w/ pkr
 fluid

08/28/13 **Workover MIT Complete** - update tbg
 detail

PERFORATION RECORD

Date	Interval	Tool	Holes
6/12/96	4501'-4509'	4 JSPF	48 holes
6/12/96	4510'-4513'	4 JSPF	48 holes
6/11/96	5447'-5460'	4 JSPF	52 holes
8/15/02	6143'-6149'	4 JSPF	24 holes
8/15/02	6111'-6123'	4 JSPF	48 holes
8/15/02	6076'-6081'	4 JSPF	20 holes
8/15/02	5189'-5200'	4 JSPF	44 holes
8/15/02	4804'-4809'	4 JSPF	20 holes
8/15/02	4788'-4791'	4 JSPF	12 holes
8/15/02	4736'-4742'	4 JSPF	24 holes
08/21/13	4501'-4509'	Cement Squeeze	
08/21/13	4510'-4513'	Cement Squeeze	



Monument Federal 32-22-8-17
 1980' FNL & 1980' FEL
 SWNE Section 22-T8S-R17E
 Duchesne Co, Utah
 API # 43-013-31586; Lease #U67845



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

SEP 09 2013

RECEIVED

SEP 12 2013

DIV. OF OIL, GAS & MINING

Ref: 8ENF-UFO

CERTIFIED MAIL 7009-3410-0000-2599-8027
RETURN RECEIPT REQUESTED

Mr. J D Horrocks
Newfield Exploration Company
Route 3, Box 3630
Myton, UT 84052

8S 17E 22

Re: Underground Injection Control (UIC)
Permission to Resume Injection
Monument Federal 32-22-8-17 Well
EPA Well ID # UT22197-04479
API # 43-013-31586
Canvasback Oil Field
Duchesne County, UT

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Dear Mr. Horrocks:

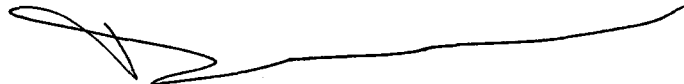
On August 30, 2013, the Environmental Protection Agency (EPA) received information from Newfield Exploration Company on the above referenced well concerning the workover and the followup mechanical integrity test (MIT) conducted on August 28, 2013. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, due to the use of AnGuard in the workover process and pursuant to Part 8(3)(a) of the permit for this well, the next MIT will be due on or before August 28, 2014.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless the EPA is notified and procedures are described to the EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every year the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by the EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056. Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

Sincerely,



Darcy O'Connor, Director
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Gordon Howell, Chairman
 Uintah & Ouray Business Committee
 P.O. Box 190
 Fort Duchesne, Utah 84026

 Ronald Wopsock, Vice-Chairman
 Uintah & Ouray Business Committee
 P.O. Box 190
 Fort Duchesne, Utah 84026

 Reannin Tapoon, Executive Assistant
 Uintah & Ouray Business Committee
 P.O. Box 190
 Fort Duchesne, Utah 84026

 Stewart Pike, Councilman
 Uintah & Ouray Business Committee
 P.O. Box 190
 Fort Duchesne, Utah 84026

 Tony Small, Councilman
 Uintah & Ouray Business Committee
 P.O. Box 190
 Fort Duchesne, Utah 84026

 Bruce Ignacio, Councilman
 Uintah & Ouray Business Committee
 P.O. Box 190
 Fort Duchesne, Utah 84026

 Phillip Chimburas, Councilman
 Uintah & Ouray Business Committee
 P.O. Box 190
 Fort Duchesne, Utah 84026

 Manuel Myore, Director of Energy,
 Minerals and Air Programs
 Ute Indian Tribe
 P.O. Box 190
 Fort Duchesne, Utah 84026

 Mike Natchees, Environmental
 Coordinator
 Ute Indian Tribe
 P.O. Box 190
 Fort Duchesne, Utah 84026

 ✓ John Rogers
 Utah Division of Oil, Gas and Mining
 P.O. Box 145801
 Salt Lake City, Utah 84114



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77233
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 32-22-8-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 22 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013315860000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/11/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: 1 YR MIT	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 1 YR MIT performed on the above listed well. On 07/11/2014 the casing was pressured up to 1438 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 1235 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04479		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 13, 2014		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 7/17/2014	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 7/11/14
Test conducted by: Dale Giles
Others present: _____

Well Name: <u>Mon. Fed. 32-22-8-17</u>		Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Butte</u>			
Location: <u>SW/NE</u> Sec: <u>22</u> T <u>8</u> N <u>S</u> R <u>17</u> <u>E</u> W		County: <u>Duchesne</u> State: <u>UT</u>	
Operator: <u>Newfield production co.</u>			
Last MIT: <u>1</u>		Maximum Allowable Pressure: <u>1345</u>	PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☒ Yes ☐ No If Yes, rate: 72 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1235</u> psig	psig	psig
End of test pressure	<u>1235</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1438</u> psig	psig	psig
5 minutes	<u>1439</u> psig	psig	psig
10 minutes	<u>1439</u> psig	psig	psig
15 minutes	<u>1438</u> psig	psig	psig
20 minutes	<u>1439</u> psig	psig	psig
25 minutes	<u>1438</u> psig	psig	psig
30 minutes	psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test ? ☐ Yes ☒ No

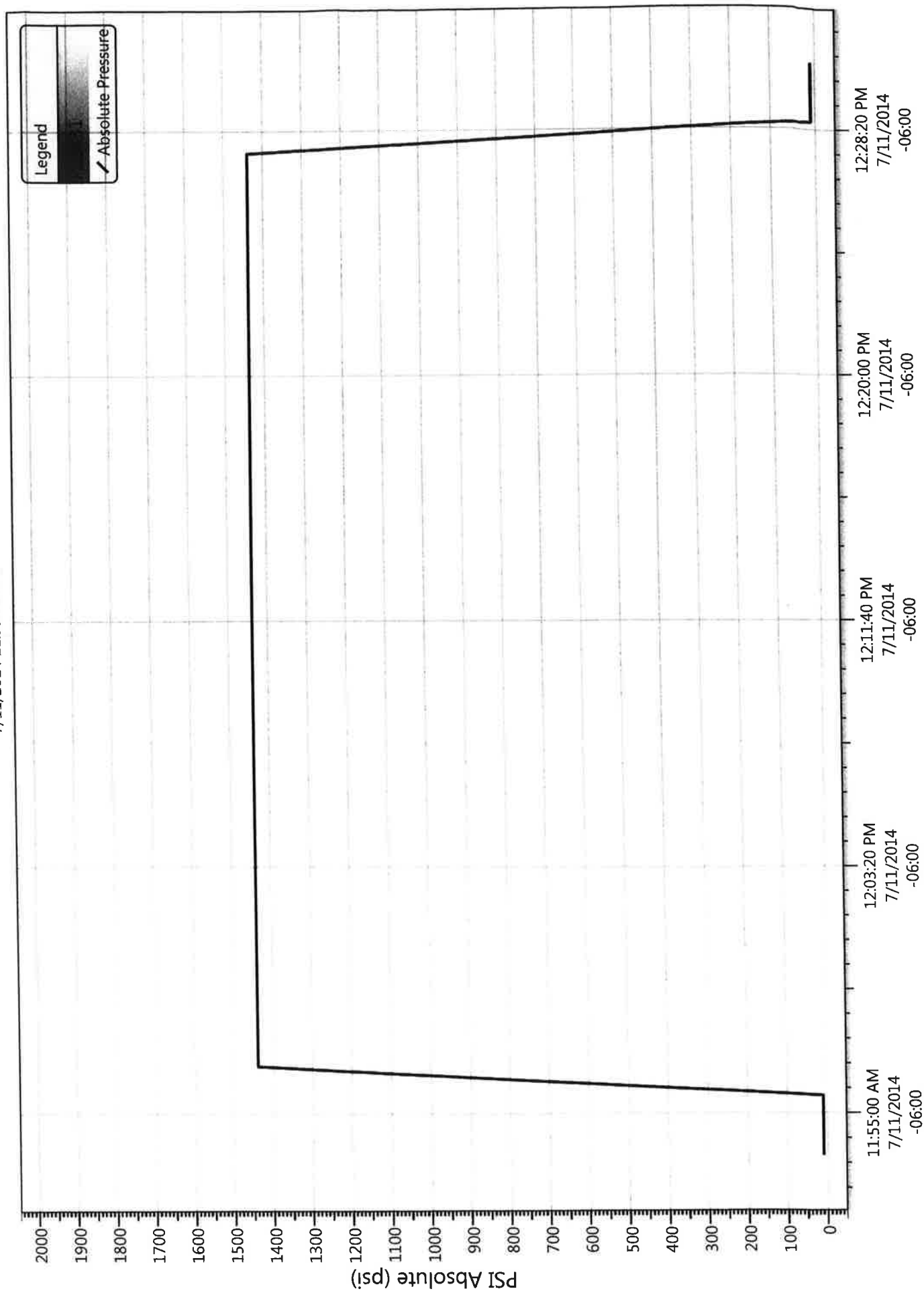
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Mon. Feb 32-22-8-17 (5 yr MIT 7-11-2014)

7/11/2014 11:53:02 AM



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77233
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 32-22-8-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 22 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013315860000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/27/2015	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="Workover MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above subject well had workover procedures performed (workover - straddle packer), attached is a daily status report. Workover MIT performed on the above listed well. On 02/27/2015 the csg was pressured up to 1169 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04479		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 04, 2015		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 3/3/2015	

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____

Date: 2/27/15Test conducted by: Johnny Daniels

Others present: _____

Well Name: <u>Monument Fed. 32-22-8-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>GMBL</u>		
Location: <u>SW/NE</u>	Sec: <u>22</u> T <u>8</u> N <u>15</u> R <u>17</u> E/W	County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>NFX</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____	PSIG

-04479

Is this a regularly scheduled test? ☐ Yes ☐ No
 Initial test for permit? ☐ Yes ☐ No
 Test after well rework? ☒ Yes ☐ No
 Well injecting during test? ☐ Yes ☐ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1173</u> psig	psig	psig
5 minutes	<u>1173</u> psig	psig	psig
10 minutes	<u>1172</u> psig	psig	psig
15 minutes	<u>1171</u> psig	psig	psig
20 minutes	<u>1170</u> psig	psig	psig
25 minutes	<u>1169</u> psig	psig	psig
30 minutes	<u>1169</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

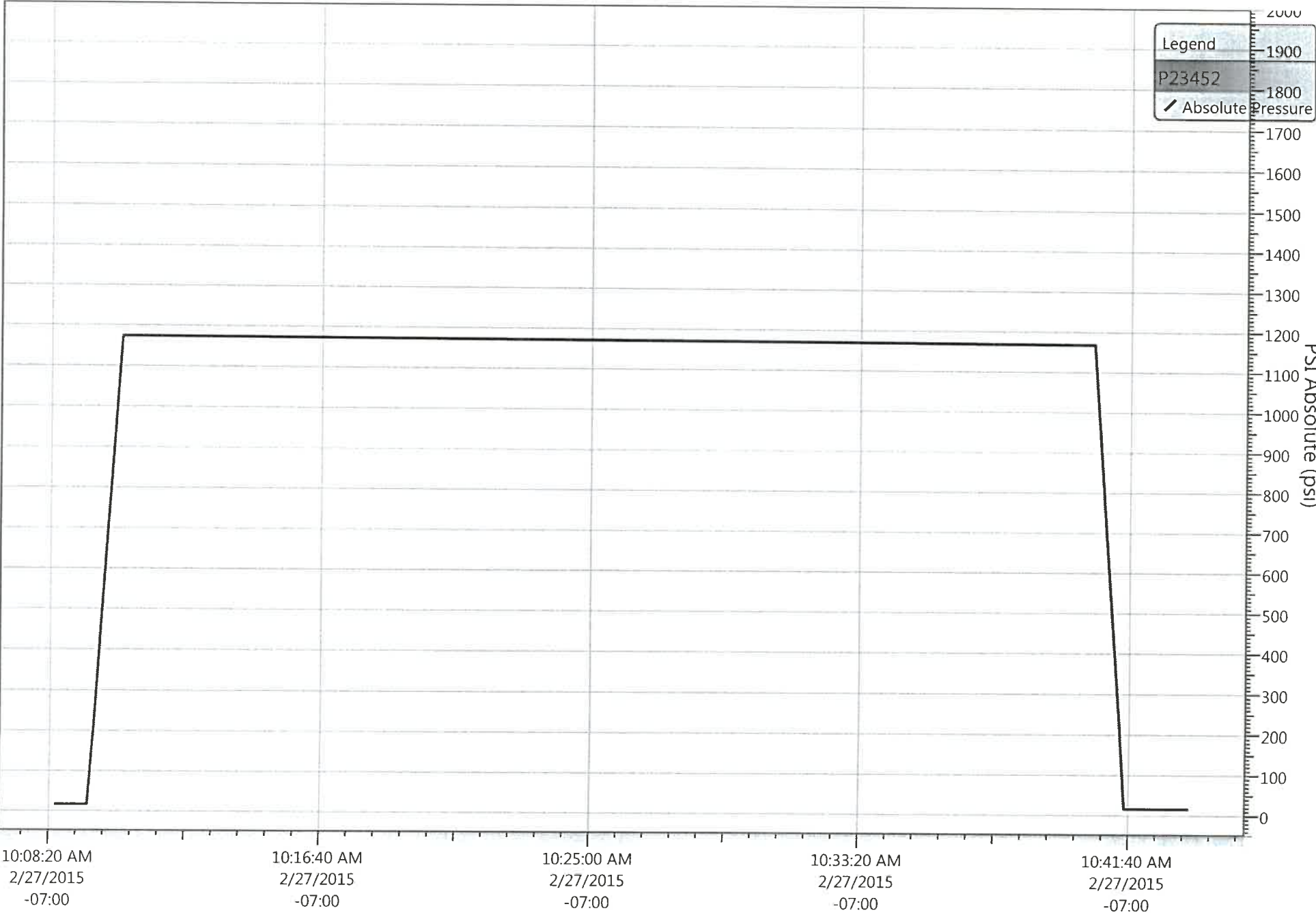
Does the annulus pressure build back up after the test ? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Mon. Feb. 22-8-17
2/27/2015 10:08:28 AM



NEWFIELD

Schematic

Well Name: Mon 32-22-8-17

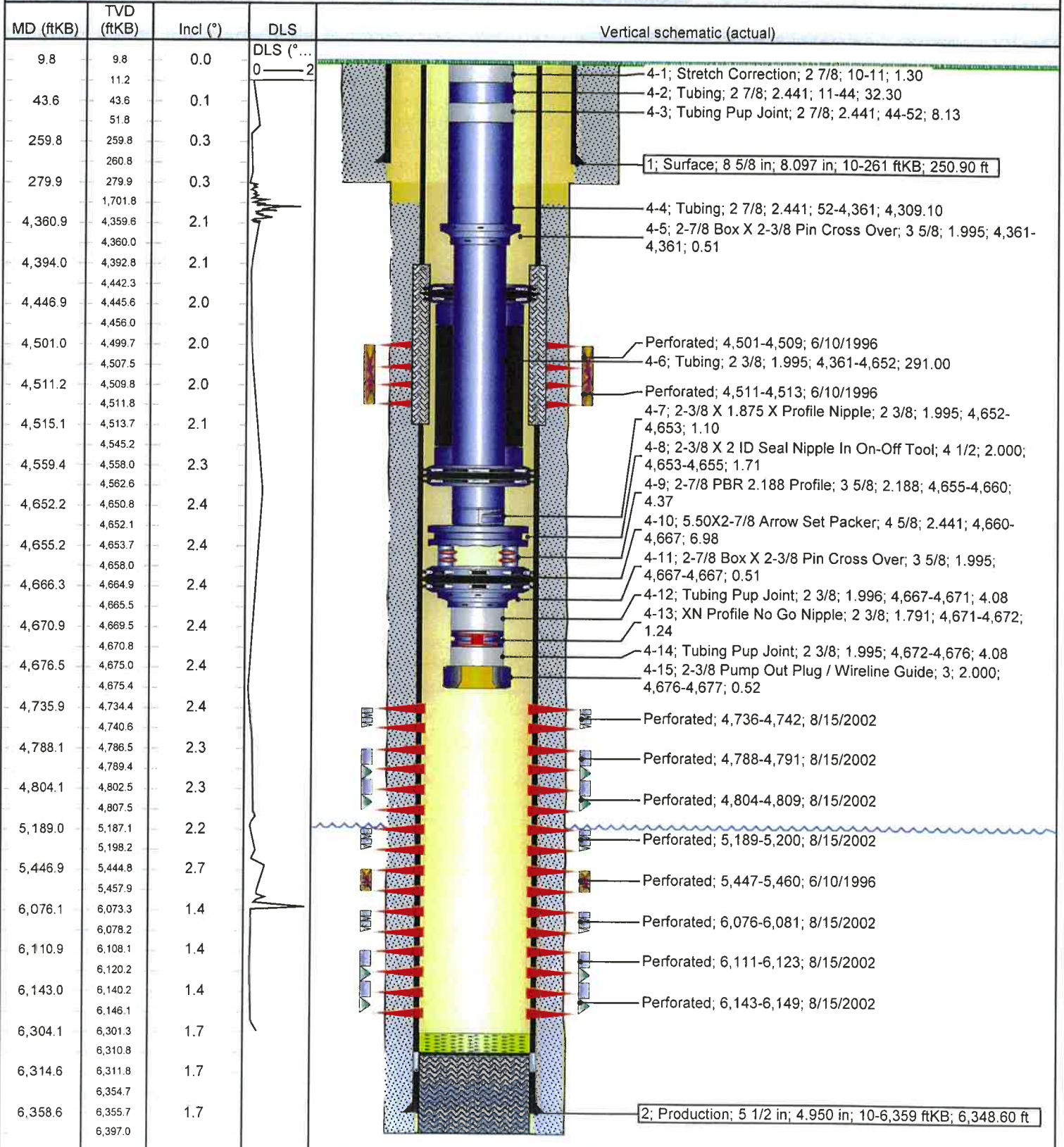
Surface Legal Location 22-8S-17E				API/UWI 43013315860000	Well RC 500150876	Lease	State/Province Utah	Field Name GMBU CTB7	County DUCHESE
Spud Date 5/20/1996	Rig Release Date 5/27/1996	On Production Date 6/27/1996	Original KB Elevation (ft) 5,130	Ground Elevation (ft) 5,120	Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 6,313.5		

Most Recent Job

Job Category Production / Workover	Primary Job Type	Secondary Job Type N/A	Job Start Date 11/4/2014	Job End Date 2/27/2015
---------------------------------------	------------------	---------------------------	-----------------------------	---------------------------

TD: 6,400.0

Vertical - Original Hole, 3/2/2015 8:02:35 AM



NEWFIELD

Newfield Wellbore Diagram Data Mon 32-22-8-17

Surface Legal Location 22-8S-17E			API/UWI 43013315860000		Lease			
County DUCHESNE		State/Province Utah		Basin Uintah Basin		Field Name GMBU CTB7		
Well Start Date 5/20/1996			Spud Date 5/20/1996		Final Rig Release Date 5/27/1996		On Production Date 6/27/1996	
Original KB Elevation (ft) 5,130	Ground Elevation (ft) 5,120	Total Depth (ftKB) 6,400.0			Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 6,313.5	
Casing Strings								

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	5/21/1996					
Production	5/27/1996	8 5/8	8.097	24.00	J-55	261
		5 1/2	4.950	15.50	J-55	6,359

Cement**String: Surface, 261ftKB 5/21/1996**

Cementing Company		Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCl+ 1/4#sxcelloflake.		10.0	280.0		
Fluid Type Lead			Amount (sacks) 160	Class G	Estimated Top (ftKB) 10.0

String: Production, 6,359ftKB 5/27/1996

Cementing Company		Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2#sx kol seal + 3% salt + 2% gel + 1/4#sxcelloflake.		1,702.0	6,400.0		
Fluid Type Lead			Amount (sacks) 220	Class Super G	Estimated Top (ftKB) 1,702.0
Fluid Description 2% gel + 1/4#sxcelloflake + 2#sx kol seal.					
Fluid Type Tail			Amount (sacks) 445	Class 50/50 POZ	Estimated Top (ftKB) 4,051.0

String: Production, 6,359ftKB 8/22/2013

Cementing Company Halliburton Energy Services		Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
Fluid Description		4,394.0	4,515.0		
Fluid Type			Amount (sacks)	Class	Estimated Top (ftKB)

Tubing Strings

Tubing Description					Run Date		Set Depth (ftKB)	
Tubing					2/24/2015		4,676.9	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Stretch Correction	1	2 7/8						
Tubing	1	2 7/8	2.441	6.50	J-55	1.30	10.0	11.3
Tubing Pup Joint	1	2 7/8	2.441		J-55	32.30	11.3	43.6
Tubing	139	2 7/8	2.441	6.50	J-55	8.13	43.6	51.7
2-7/8 Box X 2-3/8 Pin Cross Over	1	3 5/8	1.995			4,309.10	51.7	4,360.8
						0.51	4,360.8	4,361.3
Tubing	9	2 3/8	1.995	4.70	J-55			
2-3/8 X 1.875 X Profile Nipple	1	2 3/8	1.995			291.00	4,361.3	4,652.3
						1.10	4,652.3	4,653.4
2-3/8 X 2 ID Seal Nipple In On-Off Tool	1	4 1/2	2.000			1.71	4,653.4	4,655.2
2-7/8 PBR 2.188 Profile	1	3 5/8	2.188					
5.50X2-7/8 Arrow Set Packer	1	4 5/8	2.441			4.37	4,655.2	4,659.5
						6.98	4,659.5	4,666.5
2-7/8 Box X 2-3/8 Pin Cross Over	1	3 5/8	1.995			0.51	4,666.5	4,667.0
Tubing Pup Joint	1	2 3/8	1.996					
XN Profile No Go Nipple	1	2 3/8	1.791			4.08	4,667.0	4,671.1
Tubing Pup Joint	1	2 3/8	1.995			1.24	4,671.1	4,672.3
2-3/8 Pump Out Plug / Wireline Guide	1	3	2.000			4.08	4,672.3	4,676.4
						0.52	4,676.4	4,676.9

Rod Strings

Rod Description					Run Date		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)		Top (ftKB)	Btm (ftKB)

Other In Hole

Des		Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Fill		6,304	6,314	8/14/2002	
Packer		4,444	4,447	2/24/2015	
Ultra Flush Pin Csg Pup		4,447	4,457	2/24/2015	
P-110 Ultra Flush Csg		4,457	4,546	2/24/2015	

NEWFIELD
Newfield Wellbore Diagram Data
Mon 32-22-8-17
Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Ultra Flush Box X 8RDNUPin Csg Pup	4,546	4,559	2/24/2015	
Packer	4,559	4,564	2/24/2015	

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
2	GB, Original Hole	4,501	4,509	4			6/10/1996
2	GB, Original Hole	4,511	4,513	4			6/10/1996
3	GB-4, Original Hole	4,736	4,742	4			8/15/2002
3	GB-6, Original Hole	4,788	4,791	4			8/15/2002
3	GB-6, Original Hole	4,804	4,809	4			8/15/2002
3	DS3, Original Hole	5,189	5,200	4			8/15/2002
1	R-5, Original Hole	5,447	5,460	4			6/10/1996
3	CP-5, Original Hole	6,076	6,081	4			8/15/2002
3	CP-1, Original Hole	6,111	6,123	4			8/15/2002
3	CP-1, Original Hole	6,143	6,149	4			8/15/2002

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	1,000	0.623	5.9	5,000			
2	1,200	0.706	5.0	3,050			
3							
4							
5							
6							
7							

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		
2		
3		
4		
5		
6		
7		

Job Detail Summary Report

Well Name: Mon 32-22-8-17

Jobs

Primary Job Type Reconfigure Tubing / Components	Job Start Date 11/4/2014	Job End Date 2/27/2015
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Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
11/4/2014	11/4/2014	MIRU
Start Time	End Time	Comment
05:00	06:00	Crew Travel & Safety MTG
06:00	09:00	Load out & move from GMBU Q-4, MIRU Same, Bleed off well, ND Wellhead, Strip on 5K BOPS, RU Floor & TBG Works, Unset 5 1/2" Arrowset-1 PKR
09:00	11:00	Flush TBG W/ 40 BBLS H2O, Try CIRC SV to PSN, Pumped 30 BBLS & Never caught PRESS, Push SV To PSN W/ Sandline, Test TBG To 3000 PSI-OK, RET SV
11:00	12:15	TOOH W/ 152 JTS 2 7/8" TBG, LD PSN, On/off tool, Arrowset-1 PKR, X-Over, 4' 2 3/8" TBG SUB, XN Nipple & Reentry guide
12:15	13:30	RD Floor & TBG Works, ND 5K BOPS, Change out 3K To 5K Wellhead, NU 5K BOPS, RU Floor & TBG Works
13:30	17:00	PU & TIH W/ 5 1/2" Bit & scraper, PSN & 152 JTS 2 7/8" TBG, PU 47 JTS 2 7/8" TBG, EOT @ 6207', TOOH W/ 6 JTS & Break & redope 41 JTS 2 7/8" TBG, EOT @ 4680' CWI
17:00	18:00	Crew Travel
Report Start Date	Report End Date	24hr Activity Summary
11/5/2014	11/5/2014	Acid job, TOOH W/ Bit & Scraper, TIH W/ PROD PKRS Slauch bit & Scraper
Start Time	End Time	Comment
06:00	07:00	Crew Travel & Safety mtg
07:00	07:30	TIH W/ 2 JTS EOT @ 4720'
07:30	08:30	Pump chemical 5 BBLS 15% HCL, 30 Gallons of scavenger, Clean up W/ 100 GAL of H2O, Chase acid to EOT W/ 24 BBLS H2O
08:30	09:30	Let acid soak
09:30	11:30	TIH W/ 26 JTS 2 7/8" TBG, EOT @ 6206', REV Acid out W/ 50 BBLS H2O
11:30	13:30	LD 7 JTS & TOOH W/ 193 JTS 2 7/8" TBG, LD PSN & 5 1/2" Arrowset-1 PKR
13:30	15:00	PU & TIH W/ 5 1/2" Arrowset-1 PKR, PBR, 16 JTS 2 7/8" TBG, 6' PERF SUB, 23 JTS 2 7/8" TBG 6' PERF SUB, PSN, 3 JTS 2 7/8" TBG 5 1/2" HRP PKR & 151 JTS 2 7/8" TBG
15:00	16:30	RD Floor & TBG Works, Strip off 5K BOPS, Set 5 1/2" Arrowset-1 PKR W/ 5000# Tension @ 6038', Land TBG W/ Hanger NU Wellhead, CIRC SV To PSN, Test TBG To 1500 PSI, Leave Press overnight, SDFN
16:30	17:30	Crew Travel
Report Start Date	Report End Date	24hr Activity Summary
11/6/2014	11/6/2014	Pump PKR Fluid set HRP PKR Test well
Start Time	End Time	Comment
06:00	07:00	Crew Travel & Safety mtg

NEWFIELD**Job Detail Summary Report****Well Name: Mon 32-22-8-17**

Start Time	07:00	End Time
		08:30
Comment		
CK PRESS On TBG 1550 PSI, CIRC 70 BBLs Fresh H2O & PKR Fluid down CSG, Set 5 1/2" HRP PKR @ 4718' W/ 2400 PSI		
Start Time	08:30	End Time
		11:00
Comment		
Test TBG & PKR To 3000 PSI for 30 MIN-Good test, RET SV POOH & Rack out sandline, RU Floor & TBG Works		
Start Time	11:00	End Time
		14:00
Comment		
PRESS Up CSG To 1500 PSI, Losing 350 PSI Every 30 MIN		
Start Time	14:00	End Time
		15:00
Comment		
Keep testing CSG waiting on orders		
Start Time	15:00	End Time
		17:00
Comment		
Bleed CSG Down to 1100 PSI Due to Anguard squeeze, losing 30 PSI in 30 MIN, Leave 1000 PSI Overnight, SDFN		
Start Time	17:00	End Time
		18:00
Comment		
Crew Travel		
Report Start Date	Report End Date	24hr Activity Summary
11/7/2014	11/7/2014	CK PRESS In morning & wait on orders
Start Time	06:00	End Time
		07:00
Comment		
Crew Travel & Safety mtg		
Start Time	07:00	End Time
		10:30
Comment		
CK PRESS on CSG 600 PSI, Bump up to 1000 PSI, Losing 30 PSI Every 30 MIN		
Start Time	10:30	End Time
		12:00
Comment		
Do MIT Test, Lost 35 PSI in 30 MIN		
Start Time	12:00	End Time
		12:30
Comment		
Wait on orders		
RDMO		
Report Start Date	Report End Date	24hr Activity Summary
2/19/2015	2/19/2015	MIRU
Start Time	13:30	End Time
		16:30
Comment		
Load out & move from GMBU M-18 To MON FED 32-22, MIRU Same, ND Well head, Strip on 5K BOPS, RU Floor & TBG Works, REL 5 1/2" HRP & Arrowset-1 PKRS		
Start Time	16:30	End Time
		19:00
Comment		
Flush TBG W/ 40 BBLs H2O, CIRC SV To PSN, Test TBG To 3000 PSI-OK, RU & RIH W/ Sandline, RET SV, POOH & Rack out sandline, CWI @ 6:00		
Start Time	19:00	End Time
		20:00
Comment		
Crew Travel		
Report Start Date	Report End Date	24hr Activity Summary
2/20/2015	2/20/2015	TOOH tbg
Start Time	06:00	End Time
		07:00
Comment		
Crew Travel & Safety Mtg		
Start Time	07:00	End Time
		10:30
Comment		
TOOH W/ 151 JTS 2 7/8", LD 42 JTS 2 7/8" TBG, LD 5 1/2" HRP, PSN, 2-4' PERF SUBS & 5 1/2" AS-1 PKR		
Start Time	10:30	End Time
		11:45
Comment		
PU & TIH W/ 2 3/8" Pump out plug, 4' 2 3/8" TBG SUB, X-Over, AS-1 PKR, PBR, Upside down on/off skirt, Seal nipple, X nipple, X-over & 150 JTS 2 7/8" TBG, Set 5 1/2" AS-1 PKR @ 4663'		
Start Time	11:45	End Time
		14:00
Comment		
TOOH W/ 150 JTS 2 7/8" TBG, LD Seal nipple, X nipple & X-Over		
Start Time	14:00	End Time
		15:15
Comment		
PU & TIH W/ 5 1/2" RBP, RH, 4' TBG SUB 5 1/2" PKR, PSN & 148 JTS 2 7/8" TBG, Set 5 1/2" PKR @ 4608'		

Job Detail Summary Report

Well Name: Mon 32-22-8-17

Start Time	15:15	End Time		Comment
Start Time	18:00	End Time	18:00	Test PKRS To 1000 PSI, Lost 25 PSI In the last 30 MIN, Leave 1000 PSI Over weekend, SDFN @ 6:00
Report Start Date	2/23/2015	Report End Date	2/23/2015	24hr Activity Summary TST CSG
Start Time	06:00	End Time		Comment
Start Time	07:00	End Time	07:00	Crew Travel & Safety Mtg
Start Time	11:45	End Time	11:45	Comment
Start Time	13:30	End Time	13:30	CK PRESS on TBG, 980 PSI Watch PRESS For 30 MIN-OK, REL PKR, Set RBP @ 4621', Test CSG To 1500 PSI-Good test, Come up hole every 2' testing CSG, Got good test @ 4511' & no test @ 4509', PUH & Set PKR @ 4198' Test CSG To SURF To 1610 PSI-Good test, REL PKR & RBP
Report Start Date	2/24/2015	Report End Date	2/24/2015	24hr Activity Summary PU & Talley scab liner pkr, 4" , set bottom & top scab liner pkr, Test Pkr & Csg
Start Time	06:00	End Time		Comment
Start Time	07:00	End Time	07:00	Crew Travel & Safety Mtg
Start Time	14:00	End Time	14:00	Comment
Start Time	14:45	End Time	14:45	PU & Talley Bottom scab liner PKR, 13' 4" CSG SUB, 2 JTS 4" Ultra flush CSG, 10' 4" CSG SUB, Top scab liner PKR, X-over, Bumper sub, 22-3 1/2" Drill collars, X-over, 6' TBG SUB & 120 JTS 2 7/8" TBG, Set Bottom scab liner pkr @ 4562' & Top scab liner pkr @ 4442', J out on/off skirt
Start Time	17:00	End Time	17:00	Comment
Start Time	18:00	End Time	18:00	Test PKR & CSG To 1050' PSI For 30 MIN-Good test
Report Start Date	2/25/2015	Report End Date	2/25/2015	24hr Activity Summary PU & Talley, TIH w/ 2 7/8
Start Time	06:00	End Time		Comment
Start Time	07:00	End Time	07:00	Crew Travel & Safety Mtg
Start Time	11:00	End Time	11:00	Comment
Start Time	13:00	End Time	13:00	PU & Talley, Seal nipple, X nipple, PU & Break & Redope 9 JTS 2 3/8" TBG, X-Over, CONT TIH W/ 141 JTS 2 7/8" TBG, Tag PBR @ 4660', LD 2 JTS 2 7/8", Space W/ 1-8' 2 7/8" TBG SUB, RD Floor & TBG Works, Strip off 5K BOPS, Land TBG W/ Hanger
Start Time	15:00	End Time	15:00	Comment
Report Start Date	2/26/2015	Report End Date	2/26/2015	24hr Activity Summary Ck Press
Start Time	16:00	End Time	16:00	Pump 60 BBLS Fresh H2O & PKR Fluid, PU 1 JT, Sting into PBR, Land TBG W/ 15K Tension on INJ Tree, NU Well head, Pump out plug @ 2300 PSI, CIRC SV To PSN
Start Time		End Time		Comment
Start Time		End Time		Test TBG To 3000 PSI, Lost 75 PSI In last 30 MIN, Leave 3000 PSI Overnight, SDFN @ 3:00
Start Time		End Time		Comment
Start Time		End Time		Crew Travel

NEWFIELD**Job Detail Summary Report****Well Name: Mon 32-22-8-17**

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Start Time	06:00	End Time	07:00	Comment
				Crew Travel & Safety Mtg
Start Time	07:00	End Time	10:15	Comment
				Thaw well head, CK PRESS 1800 PSI, Bump PRESS up to 3000 PSI, Losing 20 PSI in 30 MIN, RET SV, CIRC New SV To PSN
Start Time	10:15	End Time	11:30	Comment
				Test TBG to 3000 PSI For 30 MIN-OK, RET SV
Start Time	11:30	End Time	13:00	Comment
				Test CSG To 1450 PSI
Start Time	13:00	End Time	17:00	Comment
				Try doing MIT Test, Lost 7 PSI In last 30 MIN Leave 1400 PSI Overnight, SDFN @ 5:00
Start Time	17:00	End Time	18:00	Comment
				Crewa Travel
Report Start Date	Report End Date	24hr Activity Summary		
2/27/2015	2/27/2015	Conduct MIT		
Start Time	00:00	End Time	00:30	Comment
				Workover MIT performed on the above listed well. On 02/27/2015 the csg was pressured up to 1169 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04479



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

MAR 11 2015

RECEIVED

MAR 16 2015

DIV. OF OIL, GAS & MINING

Ref: 8ENF-UFO

CERTIFIED MAIL 7009-3410-0000-2599-4883
RETURN RECEIPT REQUESTED

Mr. J D Horrocks
Newfield Exploration Company
Route 3, Box 3630
Myton, UT 84052

Re: Underground Injection Control (UIC)
Permission to Resume Injection
Monument Federal 32-22-8-17 Well
EPA Permit ID# UT22197-04479
API # 43-013-31586
Canvasback Oil Field
Duchesne County, Utah

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

22 85 17E

Dear Mr. Horrocks:

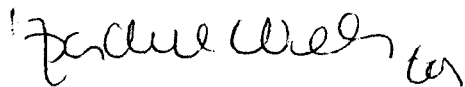
On March 10, 2015, the Environmental Protection Agency (EPA) received information from Newfield Exploration Company on the above referenced well concerning the workover to address a loss of mechanical integrity and the followup mechanical integrity test (MIT) conducted on February 27, 2015. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. § 144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before February 27, 2020.

Pursuant to 40 C.F.R. § 144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless the EPA is notified and procedures are described to the EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. § 300h. Such non-compliance may subject you to formal enforcement by the EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Gary Wang at (303) 312-6469. Please direct all correspondence to the attention of Gary Wang at Mail Code 8ENF-UFO.

Sincerely,

A handwritten signature in black ink, appearing to read "Arturo Palomares", with a stylized flourish at the end.

Arturo Palomares, Director
Water Technical Enforcement Program
Office of Enforcement, Compliance
and Environmental Justice

cc: Gordon Howell, Chairman, Uintah & Ouray Business Committee
Ronald Wopsock, Vice-Chairman, Uintah & Ouray Business Committee
Reannin Tapoof, Executive Assistant, Uintah & Ouray Business Committee
Stewart Pike, Councilman, Uintah & Ouray Business Committee
Tony Small, Councilman, Uintah & Ouray Business Committee
Bruce Ignacio, Councilman, Uintah & Ouray Business Committee
Phillip Chimburas, Councilman, Uintah & Ouray Business Committee
Manuel Myore, Director of Energy, Minerals and Air Programs
Brad Hill, Utah Division of Oil, Gas and Mining

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77233
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 32-22-8-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 22 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013315860000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/26/2016	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text" value="1 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 65%;"> <p>1 YR MIT performed on the above listed well. On 01/26/2016 the casing was pressured up to 1049 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 833 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04479</p> </div> <div style="width: 30%; text-align: center;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>February 01, 2016</p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 1/27/2016

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 1/12/16
Test conducted by: Dale Giles
Others present: _____

Well Name: <u>Mon. Fed. 32-22-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SW/NW</u> Sec: <u>22</u> T <u>8</u> N <u>15</u> R <u>17</u> E W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Newfield Production Co.</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1447</u> PSIG	

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	833 psig	psig	psig
End of test pressure	833 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1048 psig	psig	psig
5 minutes	1049 psig	psig	psig
10 minutes	1049 psig	psig	psig
15 minutes	1049 psig	psig	psig
20 minutes	1049 psig	psig	psig
25 minutes	1049 psig	psig	psig
30 minutes	1049 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

mon. feb. 32 22 8 17 (1 year mit)

1/26/2016 8:28:50 AM

